THE CHEMIST AND DRUGGIST

TELEPHONE NUMBER, BANK 852.

Established in ENGLAND - 1859. AUSTRALASIA - 1885.

TELEGRAPHIC ADDRESS, "CHEMICUS LONDON."

Registered as a Newspaper.

No. 1,013. Vol. LIV. JUNE 24, 1899. Subscription 10s. per annum, including Diary. Post Free the World over. Single Copies, 4d. each; Winter and Summer Issues, 1s. each, Post Free.

STOCKTAKING.

ALLEN & HANBURYS Ltd. desire to give Notice that their Works will be closed for Stocktaking on Wednesday, Thursday, Friday, and Saturday, June 28, 29, 30, and July 1. Small urgent orders only will receive attention during this period.

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Branded with Customer's own Name, or manufactured from private formulæ.

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Allen & Hanburys Ltd., Plough Court, Lombard Street, **London**

WORKS:—BETHNAL GREEN, LONDON, E.

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Prize Medals

LONDON, 1851.
PARIS, 1855.
LONDON, 1862.
PARIS, 1867.
LONDON, 1885.
ADELAIDE, 1887.
MELBOURNE, 1888.

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GARDEN WHARF,
CHURCH ROAD,

BATTERSEA,
LONDON, S.W.

THE CHEMIST & DRUGGIST SUPPLEMENT.

LONDON: 42 CANNON STREET, E.C.
SATURDAY, JUNE 24 1899.

Businesses for Disposal
Businesses Wanted
Premises to Let
Auction Sales

ALSO EXCHANGE COLUMN.

For Bargains see page 102 of this Supplement.

Partnerships
Situations Vacant
Situations Wanted
Miscellaneous

A Copy of this Supplement is inserted in every number issued of "The Chemist and Druggist."

TO THE ENTIRE TRADE OF GREAT BRITAIN AND IRELAND,

As well as Our Unique Colonial and Foreign Circulation.

42 Cannon Street, London, E C,
June 24, 1899.

On SATURDAY NEXT, July 1st,

The Circulation of this Supplement will comprise the entire Drug Trade of the United Kingdom, and the comprehensive Colonial and Foreign connection of the *C. & D.*, and will afford the Drug Trade of the country an exceptional opportunity of advertising

BUSINESSES WANTED OR FOR SALE, SITUATIONS WANTED and SITUATIONS VACANT, PARTNERSHIPS, SALES BY AUCTION, MISCELLANEOUS ANNOUNCEMENTS, and EXCHANGE COLUMN (for Announcements of Surplus Stock).

Advertisements for insertion in this issue of *The Chemist and Druggist* Supplement should be received before 4 P.M. on Thursday, June 29.

Remittances payable to EDWARD HALSE, crossed MARTIN'S BANK, LIMITED, and addressed to the Publisher, "C. & D.," 42 Cannon Street, London, E.C.

CHEMISTS' TRANSFERS.

MESSRS. ORRIDGE & CO., 56 LUDGATE HILL, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

VENDORS have the advantage of Messrs. O. & Co.'s direct attention and advice as to value without additional fee.
PURCHASERS are invited to forward a statement of their requirements, which will be notified in a register free of charge.
VALUATIONS having always been a prominent feature, Messrs. O. & Co. trust that the lengthened period during which they have enjoyed the confidence of the profession will be regarded as a sufficient proof of the sincerity of their endeavours to conduct these transactions in an honourable and straightforward manner.

1.—**£1,200.—G. N. MAIN LINE (Few Miles out).**—Old-established Business, all good-class Retail and Dispensing; returns, present rate, £1,200; *net profit exceeds* £400; attractive shop and good stock; house contains 7 rooms, private entrance; 26 years' lease; price £1,000.

2.—**£350.—ILFORD DISTRICT**—Capital nucleus; no immediate opposition; returns, under manager, £350; attractive shop, well fitted and stocked, corner position; capital residence; new lease will be granted; valuation only required.

3.—**£725.—LONDON, N.**—Good class Retail and Dispensing Business, situate in close proximity to busy railway station; returns, under manager, £725; *net profit* £250; good number of Proprietaries; nicely-fitted shop and good stock; price £600.

4.—**£1,800.—LONDON (Good-class Suburb).**—Old-established Business, Dispensing and Retail; returns average £1,800; *net profit* £600; handsome shop and good residence. Particulars on application.

5.—**£700.—ON THE BANKS OF THE UPPER THAMES.**—Unopposed Business; returns last year £700; *net profit about* £200; the shop is well fitted and stocked; rent moderate; held on lease; about £650 required.

6.—**£600.—EASTERN SUBURB.**—Market thoroughfare; Cash Retail and Prescribing Business; returns last year, under management, £600; *profits good*; comfortable residence; vendor's own property; lease will be granted; price £260.

7.—**£1,300.—LONDON (West).**—Established Pharmacy, close to large station; Dispensing and Retail; returns £1,300 last year; *profits good*; worth attention of a good business man; about £1,000 required.

8.—**£2,400.—BERKSHIRE (Good Town).**—Old-established Business, Retail and Dispensing, including some Mixed trade: returns last year between £2,000 and £2,400; *net profit about* £550 (every expense paid); attractive shop, situate in good business thoroughfare; large residence; price £1,200.

9.—**£720.—CARDIFF (Suburb).**—Modern Pharmacy; well-established concern; returns last year £720, capable of very considerable extension; single-fronted shop, plate glass; capital residence, private entrance; offer wanted.

10.—**£400.—LIVERPOOL**—Ready-money Business, situate in residential locality; returns last year exceeded £400; price £190.

11.—**£500—G. W. MAIN LINE (Good business Town).**—Old-established Business, Retail, Dispensing and Prescribing; returns £500 yearly; *gross profit* £300; good residence; vendor's own property; 21 years' lease will be granted: price, valuation and small premium.

12.—**£500.—SOUTH COAST (Health-resort).**—Dispensing and Retail Business; very old-established concern; returns last year over £500; no patents sold; the shop is well fitted in mahogany; commodious residence; about £350 required.

13.—**£700.—GLOUCESTERSHIRE.**—Old-established Business situate in the centre of town; returns about £700, but have been much larger, vendor's ill-health having prevented his energetic working; price £450.

14.—**£1,200.—CATHEDRAL CITY (West).**—Country Business, including Mineral-waters, admitting of large extension by an energetic man; large shop and good residence; returns £1,200; valuation only required; no goodwill.

Particulars of any of the above will be furnished on application.

N.B.—NO CHARGE TO PURCHASERS.

TERMS FOR VALUATION ON APPLICATION. APPOINTMENTS BY POST OR WIRE HAVE IMMEDIATE ATTENTION.
Messrs. ORRIDGE & Co. invite communications from COLONIAL and FOREIGN firms where business of a confidential nature requires the special attention of a London Agent.

SPECIAL NOTICE.—**Messrs. ORRIDGE & CO. have a large number of Businesses for Sale suitable for Gentlemen with small capital, from £200 to £500.**

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

F. J. BRETT

VALUER,

37 Waterloo Street, LEICESTER.

References to Principal London and Provincial Wholesale Houses, also to numerous clients throughout the United Kingdom.

BUSINESSES THOROUGHLY INVESTIGATED.

VALUATIONS.—The long and varied experience of F. J. Brett in Valuing all classes of Businesses throughout the United Kingdom, together with his ever-increasing connection, renders it desirable that you should secure his services, in order to have your interests well protected. Stocks carefully taken.

£1,400 returns.—**NORTH.**—Very old-established Retail, in best position, with unusually large proportion of Proprietaries having good demand; business can be much increased by energetic man; price £1,150.

£900 returns.—**ESSEX.**—Ready-money Retail, Dispensing, and Prescribing; net profit £300; good house, on long lease; excellent position; price £600.

£760 returns.—**LINCOLNSHIRE.**—Three Specialities clear £100 per annum; Light Retail, Prescribing, and Dispensing; price £650.

£860 returns.—**GLOUCESTERSHIRE.**—Old-established Country Family Retail, with Gilbey's Agency; large house, rent £28, on long lease; price £650.

£750 returns.—**LANCS.**—General Light Retail and Photo goods, no Patents; established half a century; price £350, or valuation.

£1,330 returns.—**WEST.**—Light Cash Retail, good class, capable of much extension; price £500.

£500 returns.—**BIRMINGHAM.**—Medium class Retail and Prescribing, in busy thoroughfare; price £275, or valuation.

£440 returns.—**SEASIDE, LANCS.**—Good-class Branch Retail, can be doubled by personal attention; valuation about £300.

£530 returns.—**DURHAM.**—Light Retail, Dispensing, and Prescribing, in busy street; good opening for Photo goods and Dentistry.

WANTED.

F. J. BRETT has numerous Inquiries for Businesses of all sizes and classes, and can speedily sell your Business for you.

BERDOE & CO.

CHEMISTS' TRANSFER AGENTS AND VALUERS,

35 JEWRY STREET, FENCHURCH STREET, E.C.

Established 1870.

VALUATIONS are in all cases conducted by a member of the firm, and the most careful attention to details, which is so essential, may be relied upon.

1.—**GLOUCESTERSHIRE.**—Unopposed Light Retail, Prescribing, and Dispensing Business; steadily increasing; returns over £850, and net profit £225; good house; low rent; stock and fixtures worth about £500; price £750 or reasonable offer.

2.—**SOUTH COAST (Seaport Town).**—Old-established Cash Retail; leading thoroughfare; excellent profits; few Patents; full prices; low rent, long lease; must be good Extractor; price £500.

3.—**WEST OF ENGLAND.**—First-class Retail and Dispensing Business; 1,500 new prescriptions yearly, at excellent prices; low rent; capital house with garden and greenhouse; price £700; worth attention.

4.—**MIDLAND COUNTY.**—Light Retail, Dispensing, and Prescribing; returns £1,400, with excellent profits; not much opposition; cheap rent, on lease; price £550.

5.—**WEST OF ENGLAND.**—Cash Drug Store; good-class trade; returns £1,328; profits 20 per cent.; price £600; valuation terms could be arranged.

6.—**SUFFOLK COAST.**—Good-class Retail and Dispensing; full prices; returns £520; net profit £200; handsome front; good house and garden; price £450; owner retiring after 35 years.

7.—**WILTSHIRE.**—Practically unopposed Business, doing £10 weekly by young assistant, expenses nominal; plenty of scope for increase; price £250.

8.—**SUFFOLK.**—Unopposed Business; very profitable Retail and Prescribing; low rent; good house; modern shop; returns £450, ought to do £700; price £270.

9.—**LONDON.**—Delightfully rural suburb; no chance of Stores coming; good-class Retail and Dispensing; returns £1,300; net profit over £400; purchase price £1,100.

10.—**LONDON (Main Road).**—Good-class Retail, Dispensing, and Prescribing Business; returns over £700, and net profit about £300; good house; moderate rent; well-fitted shop and good stock; price £600.

IMPORTANT.—We have at the present time an excellent selection of sound Businesses on our books; intending Purchasers should state their requirements. Information free and no charge to Purchasers.

VALUATIONS made periodically for Stocktaking purposes; also for Probate and Transfer. Terms on application.

JUDD & MANNERS

CHEMISTS' VALUERS,

Transfer Agents, Partnership Negotiators, Arbitrators and Accountants,

76 CANNON STREET, LONDON, E.C.

LONDON, N.—Light Retail and Dispensing, in good healthy locality, returning over £400, at a net profit of £125; rent £55 on lease; stock and fixtures cost £480; will sacrifice for £350 to immediate purchaser. [423

NORTH OF ENGLAND HEALTH RESORT.—First-class Dispensing and Retail Business, returning £1,250 under management; open to every investigation; handsome shop and good house; price £1,000. [391

Particulars of either of the above free on application.

VALUATIONS for Probate or Transfer by a fully qualified member of the Firm. Books Audited, Balance Sheets Prepared, and Chartered Accountants' Certificate given.

THOS. TOMLINSON & SON

Chemists' Transfer Agents and Valuers,

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Valuations Conducted with careful attention to detail. Annual Stocktaking Valuations—terms on application.

BUSINESSES FOR DISPOSAL in sundry localities, and of various sizes and descriptions. Intending purchasers, stating requirements, may have particulars free.

Vendors speedily put into communication with bonâ-fide buyers.

NO CHARGE TO PURCHASERS.

Telegraphic Address—"Tomtom." Telephone No. 3965, National.

BUSINESSES FOR DISPOSAL

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

ABERDEENSHIRE.—Small Retail and Dispensing Business for immediate Disposal, in increasing village near seaside; resident doctor; modern premises; satisfactory reasons for selling; suit man with small capital. Further particulars upon application to 158 7, Office of this Paper.

COUNTY DURHAM.—An old-established Retail, Dispensing, and Prescribing Business for Sale; double-fronted shop, mahogany fixtures, well stocked; returns £550 net; profit over £150, can easily be doubled; a good opening for Photo goods and Dentistry; also an appointment attached; £275 required, or best offer; valuation if preferred. Apply, "Durham" (192,28), Office of this Paper.

GLOUCESTERSHIRE.—Fashionable town and health-resort; Business for Disposal; nice corner premises; position commands business; mahogany fitted; Light Retail, Dispensing, and Prescribing; same hands 22 years; price £350, on lease. "Beldere" (192,21), Office of this Paper.

HOME COUNTY.—Within twenty miles of London, W., unopposed Light Retail, Dispensing, and Prescribing Business; returns £450; rent £22; held on lease; net profit £200; cause of sale, leaving the trade; price £325, which is about the value of stock and fixtures. 194,38, Office of this Paper.

IRELAND.—Drug and Grocery.—For Sale, as going concern (Co. Tyrone), double Shop, two large windows, shop 35 feet by 25 feet, good house, 9 rooms, enclosed yard, stores, and office houses; stock fresh; doing a good trade; established 22 years; rent £20; proprietor retiring. Apply, "Borax" (188 32), Office of this Paper.

KING'S LYNN.—To be Disposed of on easy terms, Light Retail and Prescribing Business; pleasantly situated near railway station; present occupier retiring after 34 years; no goodwill, but stock and fixtures at valuation; fine opening for young, industrious man. Apply, W. Bailey, 25 Railway Road, King's Lynn.

LINCOLNSHIRE.—For immediate Sale, Light Retail and Prescribing Business; main thoroughfare; handsomely-fitted shop, well stocked, good house and warehouse; returns £400; proprietor leaving the district; fullest particulars to intending purchasers; price £340. Apply, 189,20, Office of this Paper.

LONDON, N.W. (One of the best Suburbs).—Good Dispensing Business for immediate Disposal; owned and carried on by the proprietor for 11 years; only principals with £1,200 at their disposal will be treated with; lease granted; rent £105 per annum, £41 let off. Letter only, X. Y. Z., c/o Messrs. Willows, Francis & Butler, Aldersgate Street, E.C.

LONDON, W.C.—An old-established but small Business—capable, however, of great improvement—to be Sold or Let on easy terms: stock and fixtures worth £300; full prices now obtained; ill-health cause of selling: Agencies, Dentistry, &c. (centre London), should do well. Mr. Dart, 14 Southampton Street, Strand.

LONDON, S.W.—Good class Light Retail and Dispensing Business, where there is a magnificent opening for Store trading; rent under £50; lease worth £200; stock and fixtures worth about £700; price £850. 191/39, Office of this Paper.

LONDON, W.—Good-class Cash Retail and Dispensing Business, in important main thoroughfare; steady substantial increase each year under present proprietor and open to much further extension; returns 18-8 £1,323, yielding net profit £350; fine large house which will let for half rent; price £1,000 or close offer if made at once; every investigation courted. Apply, "Genuine" (193/3), Office of this Paper.

RETFORD.—An old-established Chemist's Business must be Sold at once on account of the death of the son of the late H. Harvey; principal thoroughfare; good house attached; splendid opportunity for young man commencing business to get in on easy terms.

SOUTH COAST (Fashionable Health-resort).—First class Business, returns averaging £1,200, to be Sold at once; owner going abroad; good premises; price £900 cash. Apply, "Bective" (185/1), Office of this Paper.

SOUTH OF ENGLAND (Cathedral Town).—For immediate Disposal, under satisfactory conditions, a good-class Retail and Dispensing Business with Photographic sundries; steadily increasing returns, reaching £707 in 1898, with net profit of £220; handsomely-fitted double-fronted shop; well stocked; good house, garden, and conservatory; price £175, or close offer. "Pharmacist" (195/2), Office of this Paper.

SOUTH HANTS.—Retail and Dispensing Business, in same hands 23 years; good prices; rent £30; returns nearly £400; no opposition. Further particulars address W. (192/37), Office of this Paper.

WORCESTERSHIRE.—Light Retail and Prescribing Business, situated in best position of increasing neighbourhood; profitable trade; no other qualified Chemist; low rent; nicely-fitted shop; splendid opening for Dentistry; returns £800; valuation only required. Full particulars of "Statim" (190/40), Office of this Paper.

YORKSHIRE.—Old-established Retail and Prescribing Business, in large manufacturing town; returns over £500; a few years ago double; reduced through illness and neglect; might be worked up again by good and steady man; good specialities; price valuation of stock and fixtures. Apply, O. A. M. (191/29), Office of this Paper.

EXCEPTIONAL terms as to payment are offered to immediate purchaser of a genuine Cash Retail Business, doing £12 weekly, in busy thoroughfare of a large manufacturing town. Particulars from "Dampi House" (195/10), Office of this Paper.

SMALL Business, where large trade has been done; neglected owing to ill health; nice shop, well stocked; price £40, or near offer. S. E. S., 32 Bernard Street, Russell Square, London, W.C.

TWO Branch Businesses, Light Retail and good paying Prescribing trade; would go well together; splendid chance for two young men with about £600; situated in the Midlands. Further particulars, apply, "Export" (193/29), Office of this Paper.

£850 RETURNS average for 5 years; every facility for larger trade; reason for disposal has no reference to the business; exceptional opportunity. 192/39, Office of this Paper.

£250.—LONDON, N.E.—Main road; Light Retail and Prescribing Business; returns £450; large profits; rent only £35; lease granted; comfortable house; shop recently re-nitted and well stocked; strictest investigation courted. 194/37, Office of this Paper.

£275.—PORTSMOUTH.—Handsomely fitted small stocked Shop for Sale, in a good business locality; main thoroughfare; good house; returns about £400; rent, rates, &c., £1 weekly; excellent reasons for disposal; lowest price £275 cash. Apply, A. W. (191/25), Office of this Paper.

£250.—LONDON, W.—Genuine medium-class Business for immediate disposal; owner retiring; returns nearly £400; increasing; profits last year over £160; inclusive expenses £1 weekly; shop nicely fitted and well stocked; thorough investigation courted. 194/7, Office of this Paper.

£140.—A genuine Light Retail, Dispensing, and Prescribing Business in a good-class and improving S.W. London suburb; returns average £250, which could be doubled by an energetic man; opening for Dentistry; good house, with blue entrance; an opportunity seldom met with. "Fides" (194/25), Office of this Paper.

BUSINESSES WANTED.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

ADVERTISER is open to buy good Retail Chemist's Business, showing net profit of from £600 to £800 or more; must be thoroughly reliable and books open to closest investigation; locality of no great importance if a bona fide business. Apply, in strictest confidence, "Pharmaceutical" (193/8), Office of this Paper.

ADVERTISER is open to buy Business, good turnover, in thickly-populated part or thoroughfare; must bear fullest investigation. State full particulars to "Rees" (189/39), Office of this Paper.

WANTED, immediately, a good-class Retail and Dispensing Business, showing a net profit of about £400 to £500, or open to increase; Advertiser is prepared with £1,500 cash for a really good genuine opening; locality no object, providing there is a good house (garden if possible), and in a pleasant district. "Camphor" (195/1), Office of this Paper.

WANTED to Purchase, in a country town or at the seaside, a Light Retail, Dispensing, and Prescribing Business; returns £800 to £1,200; cash at command for sound thing. Particulars received in strict confidence, P. A. T. A. (194/40), Office of this Paper.

TENDERS.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

WANDSWORTH AND CLAPHAM UNION.

THE Guardians of the Poor of the above Union hereby give notice that they are prepared to receive and consider Tenders for the supply of DRUGS.

The necessary forms of Tender may be had on application to me at my office, St. John's Hill, Wandsworth, S.W., and the same must be returned not later than 10 o'clock A.M. on Thursday, the 29th June instant, endorsed "Tenders for Drugs."

The Guardians do not bind themselves to accept the lowest or any Tender.

By order,
ALFRED N. HENDERSON,
Clerk.

Union Offices, St. John's Hill,
Wandsworth, S.W.,
21st June, 1899.

FOR SALE.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

CHEMISTS' FITTINGS.—7-foot dispensing screen and counter, mahogany and plate glass, shaped and bevelled centre mirror; two side cases, fitted plate shelves, mirror back and two with ebonised shelves, handsome carved pediment, bottom part fitted with sponge cage, with marble slab, complete, £19; also 9 foot mahogany plate fronted counter, £9 9s. 34 Hanover Street, Liverpool.

COMPLETE Fittings of Chemist's Shop for disposal.—Rectangular mahogany counter, 8 ft. by 8 ft., dispensing-screen, desk showcase, showcases, 55 mahogany drawers with shelving &c., shop-chairs, 9 dozen shop-rounds, gold labels, 10 to 20 oz., 2 dozen pots, gold labels; window enclosure, scales, &c. Davies, Chemist, Clydach, Swansea Valley.

TO LET.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

SOMERSETSHIRE.—Good opening for a respectable and smart Chemist and Druggist; shop, with house and garden, owned by medical man; no business carried on in shop hitherto, but prospects of success good, and rent low to a satisfactory tenant. Apply, 193/9, Office of this Paper.

TO Let, main road, old-established Chemist's Shop; very suitable for a dispensary; well fitted with every convenience; no premium; 109 Fulham Palace Road, W.; large and increasing neighbourhood. This only wants seeing. Apply to F. Winfield, Balfour Cottage, Dawes Road, Fulham, S.W.

PARTNERSHIPS.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

LONDON.—Opportunity occurs, for gentleman willing to invest about £400, to secure Partnership in good sound Business in main road; would have almost entire control of business; premises are handsome, and lighted by electric light; all cash trade, over £800; would sell outright if required after. B. (193/30), Office of this Paper.

WANTED, a Partner with £500, for business in centre of busy city; £300 has just been spent in improvements. Write for particulars to K. (186/37), Office of this Paper.

SITUATIONS OPEN.

3s. 6d. *for* 50 *words or less;* **6d.** *for every* 10 *words beyond.*

Advertisers whose Announcements appear under this heading can make arrangements to see applicants for the situations at our Offices, by giving a few days' notice to THE PUBLISHER, 42 Cannon Street, E.C.

RETAIL.

ASHBY-DE-LA-ZOUCH.—Middle of July; Junior or Improver; also an Apprentice. Apply, G. W. Bullen, Pharmaceutical Chemist, Ashby-de-la-Zouch.

BATH.—Wanted, immediately, a Junior Assistant with Dispensing experience; one only kept. Partington, Chemist, 2 Beaufort West, Bath.

BATH.—Wanted, at once, a Second Assistant in a select Dispensing business; qualified preferred. Apply, stating age, height, and salary (indoors), to E. Whiston & Co., St. James's Square, Bath.

BELFAST.—Thoroughly reliable Assistant, qualified, for high-class Dispensing and Retail business. Apply, stating salary required, and enclosing photo, to W. A. Lynass, 5 Ann Street, Belfast.

BEXHILL-ON-SEA.—Junior required in Light Retail and Dispensing, for three or four months. Apply with carte de visite, to be returned, and particulars of salary, &c., to Perrett & Routley, Devonshire Road, Bexhill.

BIRMINGHAM.—Smart Junior Assistant; outdoors; no Sunday duty. Photo, references, age, height, and salary required, to Hedges & Son, 10, 11, 12 Dale End, Birmingham.

BOURNEMOUTH.—Smart Junior or Improver; accustomed to good-class Retail and Dispensing business. State experience, age, height, salary (indoors), when disengaged, and forward references and photo (to be returned), to W. Bland Botham, Pharmaceutical Chemist, Bournemouth, who has also a vacancy for a well-educated, gentlemanly Youth as Apprentice.

BRADFORD.—Wanted, at once, Assistant, 20 to 23 years old; unqualified. State experience, salary required, with two references, to J. Savage & Co., 238 Manchester Road, Bradford.

BRIGHTLINGSEA.—Junior wanted, immediately. Apply, stating age, height, salary required, references, with photo, to Cooper, Chemist, Brightlingsea.

BRIGHTON.—Wanted, a competent Assistant, also a Junior, for first-class Retail and Dispensing business. Apply, stating age, height, salary (indoors), references, and when disengaged, also enclose photo, if convenient (to be returned), to K. Pears & Son, Pharmaceutical Chemists, Brighton.

BRISTOL.—Wanted, a Junior (indoors), at once; state salary and full particulars, with photo if convenient. Apply, John Evans, Temple Gate, Bristol.

BROADSTAIRS.—A Junior Assistant or Improver (outdoors) required in a good-class Light Retail and Dispensing business; time allowed for recreation or study; excellent experience; applications not answered in three days are declined. Julian Horrell, Pharmaceutical Chemist, Broadstairs.

BUCKINGHAM.—Assistant wanted; must have had country experience. State full particulars, Brown, Chemist, Buckingham.

CAPE COLONY.—Wanted, good Assistant, of gentlemanly address, well up in Dispensing, energetic, able to take charge of Branch, understands bookkeeping, and able to make out accounts; aged about 27; Minor qualification; Englishman; salary, first year, £140; second, £150; third, £160; and 2½ per cent. commission on cash sales; lodging found; second-class passage paid out; 3 years' agreement; required to start middle July; candidates must hold undeniable references. Address, "Cape," Messrs. Evans, Lescher & Webb, 60 Bartholomew Close, London, E.C.

CARDIFF.—Assistant wanted, accustomed to Counter work; outdoors; 30s. and commission. State full particulars and references, Duck & Son, 26 Albany Road, Cardiff.

CARDIFF.—Wanted, a qualified, energetic Assistant for good Dispensing and Cash business. Apply, stating age, height, salary required (outdoors), reference, and enclose carte, to Hicks & Co. (Lim.), Queen Street, Cardiff.

CARNARVON (N. Wales).—Junior Assistant wanted, acquainted with the Welsh language. Apply, with the usual particulars, to W. Lloyd, 26 High Street, Carnarvon.

CHATHAM.—Wanted, Manager for Branch; also a Junior, about 22; liberal salary to smart, energetic men. Send full particulars and photo, if convenient, to H. Cook, Chemist, 68 High Street, Chatham.

CLIFTON (Bristol).—A competent Assistant, not under 23, for the counter, in a first-class Dispensing business, where four are kept; indoors; easy hours. Address particulars of experience, height, and salary required, to Giles, Schacht & Co.

COVENTRY.—Junior Assistant (outdoors) wanted, at once, for Cash business; one early day; no Sunday duty. Apply, stating age, height, salary required, references, and enclose photo, to Blunt's Drug Stores, Coventry.

CROMER.—Wanted, from end of July till beginning of October, a thoroughly reliable Assistant, for good-class Dispensing business; must be a quick and accurate dispenser. Apply, stating age, experience, salary required (in or out doors), and enclose photo if convenient (to be returned), to W. P. Hoare, Chemist, Cromer.

DARTMOUTH.—Wanted, Junior or Improver (indoors), in a Mixed business; time for study; weekly half-holiday. Apply, giving full particulars and salary required, to Rees, Chemist, Dartmouth, Devon.

DEVONPORT.—Wanted, Junior Assistant; accustomed to Dispensing and quick Retail; outdoors; half-holiday weekly; no Sunday duty. Apply, enclosing photo, and stating all particulars, to J. Reed, Chemist, Devonport.

DORKING.—Wanted, Temporary Assistant, from end of July, for about one month; must have been accustomed to a good-class Dispensing business. F. W. Doubleday, Dorking.

DUBLIN.—Hamilton, Long & Co., Apothecaries and Chemists, require an Assistant for the Retail counter. Apply, with copies of testimonials, salary expected, &c. (indoors), also photo, to 3 Lower Sackville Street, Dublin.

EASTBOURNE.—An Assistant wanted. Apply, with full particulars, age, height, salary required, to R. Trickey, Chemist, 35 Terminus Road, Eastbourne.

ESHER.—Mr. Chapman, Chemist, Esher, Surrey, has a vacancy for a Junior Assistant, who has been accustomed to a good-class business; time allowed for reading.

EXETER.—Latter part of August, a gentlemanly Junior Assistant; indoors; about 19; good Dispensing and quick Retail business. Stocker, Chemist, Exeter.

FOLKESTONE.—Junior Assistant (outdoors), of good address, and accustomed to quick counter trade. State all particulars, with photograph, to W. Ransford, 26 Sandgate Road.

FOLKESTONE.—Wanted, at once, an active Porter; one accustomed to a Retail Chemist's business. Apply, with full particulars, to Hall & King, Chemists, Folkestone.

GLOUCESTER.—Assistant wanted, at once, for a Light Retail and Dispensing business; weekly half-holiday. Send full particulars and salary required, indoors or outdoors, and enclose photo (to be returned), to A. B. Higgs, Chemist, 99A Lower Barton Street, Gloucester.

GLOUCESTER.—Junior wanted (indoors), accustomed to Dispensing and Counter work. Apply, with full particulars, stating experience and salary required, and enclosing photo, to Ernest S. Taylor, Pharmaceutical Chemist, Mynd House Pharmacy, Barton Street, Gloucester.

HAYMARKET STORE.—Qualified Dispenser wanted at once; outdoors. Apply, by letter, stating salary required, age, and other particulars, to "Chemist," 28 Haymarket, S.W.

HERNE BAY.—Wanted, a smart energetic Assistant, of good experience; accustomed to high-class Dispensing and Light Retail business, with knowledge of Photography; two kept. Apply, with usual particulars, enclosing photo, to Oldfield & Co., The Herne Bay Pharmacy.

INDIA.—Required, an Assistant (Minor), about 24, single, with first-class London (West-end) experience; of gentlemanly appearance; 4 years' agreement; liberal salary; passage out, and furnished apartments. Apply by letter, S. M. C., c/o Messrs. Meggeson & Co., 14 Miles Lane, E.C.

LEYTON, LONDON, N.E.—Qualified Assistant, competent to take charge branch, suburban Light Retail; liberal remuneration and good prospect for reliable man, married or single, desiring permanency; close Thursdays at 5; Sunday duty, two hours fortnightly. Give full particulars, salary required, photo (returned), Matthews & Son, Chemists, Leyton, Essex.

LIVERPOOL.—Locum-tenens, qualified, wanted for a fortnight, from about July 28th. Full particulars as to salary required, references, &c., to Alder, Chemist, 35 Granby Street, Liverpool.

LIVERPOOL.—Wanted, at once, a Junior Assistant or Turnover Apprentice, about 19, in a Light Retail and Dispensing business; time allowed for recreation and attending School of Pharmacy. Apply, stating age, height, and salary expected, with reference, to Hinkley, Seacombe, Liverpool.

LIVERPOOL.—Wanted, immediately, two Assistants; one for Dispensing and the other for Stock keeping. Send fullest particulars, to Elliot, Chemist, Church Street, Liverpool.

LUTON.—Wanted, Manager, qualified, indoors; old-established family Retail and Dispensing business; hours 8.30 to 8; half-holiday. State age, height, experience, and salary required (enclose photo to be returned), to Chantler, 10 Park Square, Luton, Beds.

LONDON, N.E.—Junior or Apprentice wanted July 3, 1899, or shortly after; comfortable home; one night out weekly. Apply, stating age, salary, and reference, to R. S., 224 Brick Lane, Bethnal Green Road, N.E.

LONDON, W.—Assistant, used to Dispensing and quick Retail; must be obliging and steady; salary £40 (indoors). State age, height, and experience, with references, to Shirtliff, Chemist, 66 Goldhawk Road, Shepherd's Bush, W.

LONDON, W.—Wanted, smart qualified Assistant; good counterman and salesman. Apply, with the usual particulars, salary required, to H. J. Bound (Lim.), 88 Westbourne Grove, W.

LONDON, N.—Wanted, Junior Assistant or Part-time; outdoors; one kept. State usual particulars, Robson, 2 Bank Buildings, Wightman Road, Hornsey, N.

LONDON, E.—Wanted, a smart, energetic, qualified Manager, single, aged 24 to 30, to manage a first-class business in the East End; salary 50s. week, outdoors; must have first-class references. Apply by letter, Ballard, 393 Commercial Road, E.

LONDON, S.W.—Required, immediately, a Dispenser, with Minor qualification; under 30 years of age; outdoors; short hours; salary £2 4s. per week. Address, Box 213, Sell's Advertising Offices, Fleet Street, E.C.

LONDON.—An Assistant, about 23; indoors; good general experience, undeniable references; Extractor preferred. State height, salary required, when disengaged, and send reference to Hopper, 319 Romford Road, Forest Gate.

LONDON, W.—Wanted, an indoor Assistant, about 24 years of age; must have had good practical experience in Dispensing. Apply, with full particulars, C. Davies, 194 Holland Park Avenue, London.

LONDON, S.W.—Junior Assistant.—Board and lodging and every comfort offered in exchange for a few hours' work morning and evening, and alternate Sunday evening duty. W. F. Garry, Chemist, 9 Tulse Hill, Brixton, London, S.W.

LONDON, S.W.—Wanted, Junior, for a few weeks. F., 378 Coldharbour Lane, Brixton, S.W.

LONDON, S.E.—Qualified Assistant required, about 23, indoors; also a Junior or Improver. Apply, with full particulars, to R. C. Harrison, Pharmacist, Lee, Kent.

LONDON, S.E.—A smart Junior Assistant for high-class Dispensing business. Apply, with photo and full particulars, to Wing, Aplin & Co., Chislehurst.

LONDON, N.W.—Wanted, a qualified Assistant in a good Pharmacy; one with London or good provincial experience preferred; liberal salary and comfortable home offered to a suitable man. Apply, personally or by letter, with the usual particulars, to R. Humphreys & Sons, 12A Upper Belsize Terrace, N.W. Also a Locum tenens from August 5 to evening of August 21.

LONDON, W.—Qualified Assistant, about 23, in good-class Dispensing business; indoors; weekly half-holiday, and part summer holiday; commencing salary £60, rising to £80. Please enclose photo and references to Albert Smith, F.L.S., Denbigh Pharmacy, Archer Street, Bayswater, W.

LONDON, W.—Wanted, an Assistant (under 30); must be of gentlemanly appearance, good salesman, with undeniable references; liberal salary to competent man; Extractor preferred; weekly half-holiday. Apply personally, or if by letter enclose photo (to be returned), Bousstone, M.P.S., 341 High Road, Chiswick.

LONDON, S.W.—Wanted, competent Junior Assistant, about 23, indoors, for Dispensing and Light Retail business. Apply, personally or by letter, to Beddard & Co., 46 Churton Street, Belgrave Road, S.W.

LONDON, N.—Assistant wanted for quick Cash business; knowledge of Photographic goods essential; also vacancy for Junior; hours of business, 9 A.M. till 10 P.M., Saturday till 11 P.M.; half-holiday weekly; no Sunday duty. State age, height, salary, experience, and references in first letter, or apply, personally, to Bishop's Pure Drug Co., Qualified Chemists, 460 Holloway Road, N.

LONDON, N.—Manager wanted, at once for Retail Cash business; must be qualified and a good Prescriber. Apply personally, or by letter, to "Chemist" c/o 6 Seven Sisters Road, Holloway Road, N.

LONDON, N.—Qualified; for Branch; salary £65 to commence on; indoors; must be energetic and reliable; a gentleman from a country house not objected to; one evening off weekly; very little Sunday duty. Apply, giving particulars of experience, references, &c., "Retail," c/o Messrs. Evans, Leacher & Webb, Bartholomew Close, E.C.

LONDON.—Wanted, a capable and trustworthy Assistant, about 25, one used to Store trade. Apply, with full particulars, stating salary (outdoors), "Store," Davy, Yates & Co., 101 Southwark Street, S.E.

LONDON, S.E.—Part-time Assistant or good Junior; would suit one studying; near Watson Will's and Muter's schools; full board and lodging; if student, time arranged to suit classes. Apply, J. Marshall, 51 Lambeth Walk, S.E.

LONDON, S.W.—Junior Assistant; must be accustomed to good-class business. Apply, stating age, salary, and usual particulars, to J. Selley, 142 Earl's Court Road, South Kensington.

LONDON, S.W.—Immediately, Assistant; indoors; 2 evenings weekly for lectures; salary £40. Send photo and particulars, to Glew, 156 Clapham Road.

LONDON, W.—A qualified Assistant as Senior; 26 or 28. Apply, in first instance, by letter, to X. Y. Z., c/o Hearon, Squire & Francis, 38 Southwark Street, S.E.

LONDON, N.W.—Wanted, at once, reliable Junior (unqualified), used to good-class business, and of gentlemanly appearance and address; undeniable references essential. Apply, giving full particulars of age, height, salary required (indoors), and references, to Chas. A. Neale, 16 Townshend Road, Regent's Park, N.W.

LONDON, N.W.—Junior, at once; hours 8 till 10; at liberty Thursday afternoon and evening. Apply personally, or enclose carte with age, height, &c., to Mr. Taplin, 91 Hampstead Road, London, N.W. One only kept.

LONDON, W.—Manager or Assistant, capable of taking entire charge, required immediately; salary and good commission to suitable man. Kindly state age, height, references, and salary required, to B. (193/31), Office of this Paper.

LONDON, S.E.—Manager for Branch, to live on premises; aged about 30; qualified; good references. In reply give as full particulars as possible, Bunker, 135 Great Dover Street, S.E.

LONDON, N.W.—Outdoors; wanted, at once, smart reliable Juniors; used to good class Dispensing and modern Cash trade. Apply, giving full particulars of age, height, experience, and salary required, to F., c/o Davy, Hill & Sons, 64 Park Street, Southwark, S.E.

LONDON, W.—Junior Assistant wanted at once, with good-class experience; outdoor. Apply, personally if possible, to "Manager," Faulkner & Co., 173 Ladbroke Grove, North Kensington.

LONDON, N.W.—Competent Assistant, not necessarily qualified, but good Dispenser and accustomed to good-class Retail; indoors. Apply, stating salary required, and full particulars, to A. Bevan, 6 Denmington Parade, West Hampstead, N.W.

LONDON, W.C.—Wanted, immediately, for permanent and temporary vacancies, several good men; expert salesmen only need apply; personal application preferred. Boutall, Marchmont Street, Russell Square, W.C.

LONDON, S.E.—Wanted, a Junior Assistant, about 20, at once, for Prescribing, Dispensing, and General Retail; knowledge of photography desirable; must be energetic and business-like, time allowed daily for recreation or study. State salary required, when disengaged, and enclose photo (which will be returned), Mack's Drug Stores, Penge, London, S.E.

LONDON, S.E.—Wanted, two Assistants, out or in doors, for a new Chemist's Stores in High Street, Camden Town; qualification not necessary; good salaries paid. Apply to Henry Squire, Cash Chemist, 189 High Street, Deptford, S.E.

LONDON.—Competent qualified Assistant for about a month from beginning of July, to help whilst principal is away; in- or outdoors. 194/35, Office of this Paper.

MAIDSTONE.—Junior; July 10; aged about 20; indoors; one used to quick Country and small Wholesale. Also Dispenser, same age, for Surgeon's Dispensing, whose spare time would be occupied bookkeeping. Apply, stating age, height, reference, and photo, stating when disengaged, to Fred. J. Oliver, Maidstone.

MANCHESTER.—Wanted, immediately, smart active Junior for exceptionally high-class business, principally for Stock and Dispensing; also Improver; vacancy for well-educated youth as Apprentice; premium; outdoors; hours 9 to 7, Saturdays 9 to 2; no duty. Apply, Manager, Midgley (Limited), 23 St. Ann's Square, Manchester.

MANCHESTER.—Qualified Assistant for Branch; also Junior. Please give full particulars of salary desired, age, experience, and references, to Bushby & Son, Chemists, Upper Brook Street, Manchester. (Vacancy for Apprentice.)

MANCHESTER District.—Qualified indoor Assistant (about 25) required for high-class Retail and Dispensing business. Address, stating age, references, salary, &c., and enclosing photo (to be returned), to T. Woodruff, Pharmaceutical Chemist, West Dinsbury.

MARCH.—Wanted, Assistant; indoors; unqualified; obliging, and willing to be of general use in a Mixed Country business. Full particulars, references, and photo, Davies, Pharmaceutical Chemist, March.

MARGATE.—Assistant wanted, about 23; indoors. Apply, stating height, salary required, and enclosing photo, to A. H. Brooks, Chemist, Margate.

MARGATE.—Wanted, Junior Assistant, in good Dispensing and Retail business, indoors. State age, height, experience, and when disengaged. Baily & Co., 2 Ethelbert Terrace, Margate.

MARLOW.—Wanted, early in June, an Assistant for a good class Family, Dispensing, and Photographic business; a season hand; preference will be given to a gentleman who is well up in Photography. Apply, with full particulars (indoors), to C. Page Dye, The Central Pharmacy, Marlow.

SITUATIONS OPEN—*cont.*

RETAIL—continued.

NATAL.—At once, a good Assistant, well up in Dispensing, and able to take charge; one with country experience, and knowing cattle medicines preferred: aged about 26; qualified; salary, first year, £12 per month; second year, £13; third year, £14; bedroom provided; second-class passage paid out; three years' agreement. Candidates, who must hold undeniable references, address "Natal," Messrs. Evans, Lescher & Webb, 60 Bartholomew Close, London, E.C.

NESTON (Cheshire)—Junior or Improver wanted; good-class business; easy hours, time for study or recreation. Usual particulars to J. G. Lee, Neston, Cheshire.

NEWPORT (Mon.).—Wanted, a smart Junior (outdoors), about 25, for a brisk Retail trade, with Dispensing and some Photographic business; weekly half holiday, Sunday duty only one hour fortnightly. Apply, with photo (to be returned), stating age, height, salary, and references, to A. Smith, Chemist and Dentist, Newport, Mon.

NORWICH.—Junior or Improver, at once; wanted, smart young fellow for middle-class business: outdoors; no Sunday duty: hours easy; half-holiday in summer, 5 P.M. winter; time for study according to salary. Apply, stating age, height, experience, salary expected, with photo (to be returned), to Making, Chemist, Norwich.

PARIS—Qualified Assistant wanted, 1st July, for first-class Pharmacy. Apply, with full particulars, to R. L., c/o S. Maw, Son & Thompson, 7 to 12 Aldersgate Street, E.C.

PORTSMOUTH.—Junior, indoors, for middle-class business; one hour off daily, and one evening a week. State salary required, height, references, &c., to Williams & Burridge, Chemists, 3 Kingston Crescent, Portsmouth.

READING.—Assistant (about 25), steady, gentlemanly, for quick Cash Retail, Dispensing, and Photographic: favourable hours and half-holiday weekly. State age, height, salary required (outdoors), enclose photograph and references, to Jno. Cross & Co., The Pioneer Drug Store, Reading.

ROCHDALE.—Wanted, at once, smart, active Assistant (outdoors), about 20, for pushing Retail business: must be quick and reliable, and able to take charge of Branch if required. State age, experience, references, and salary required, enclose photo (to be returned), John Taylor, Chemist, Rochdale.

ROTHERHAM.—Wanted, an Assistant for month of July. Apply, stating salary, &c., F. Bingham, Chemist, Rotherham.

SALISBURY.—Atkins & Son, Pharmaceutical Chemists, Salisbury, require, at once, a Junior Assistant (outdoors).

SHEFFIELD.—Wanted, Second Assistant (four kept), about 24, accustomed to good-class business. Full particulars, with photo, to J. F. Eardley, Pharmaceutical Chemist, 265 Glossop Road, Sheffield.

SOUTH COAST.—Improver or Junior (about 18 or 19) wanted shortly; must be well recommended; comfortable home; time allowed for study: weekly half-holiday, no Sunday duty. Apply, letter, stating age, height, references, &c. (and send photo if possible, to be returned), 42/1, Office of this Paper.

STROUD.—Early in July, a steady and reliable Assistant, for good Retail and Dispensing. Applications, with full particulars and carte, to D. Smith, Market Place, Stroud.

TENBURY.—Mr. Slade, Tenbury, wishes to meet with a steady, trustworthy Junior: state terms and reference, with age and height; one unaccustomed to a Mixed Country business will be useless.

TORBAY.—Summer Season—At once, competent, qualified Assistant; capable of entire charge of best-class Dispensing business; smart Counterman. Particulars as to salary, age, experience, together with photo and references, to F. Sarson, Paignton, Devon.

TUNSTALL.—Wanted Improver, outdoor; hours—Monday and Friday, 8 to 9; Tuesday and Wednesday, 8 to 8; Thursday, alternately 8 to 1 and 8 to 5; Light middle-class Retail: one other Assistant kept; good opportunity to complete knowledge of the trade. Send full particulars, salary required, &c., to McKee, Chemist, Tunstall, Staff.

WALTHAMSTOW.—Wanted, at once, smart Assistant (outdoors), for Store trade; one with Wholesale experience (Drug) preferred. Apply, by letter, stating full particulars, and enclose photo if convenient (to be returned), Percival's Pure Drug Co., 171 High Street, Walthamstow.

WARMINSTER—Wanted, a good outdoor Assistant, of gentlemanly address, smart Counterman, able to take charge if required and accustomed to a good-class country trade; qualification not essential, but must have excellent references; easy hours, no duty, half day Wednesday. Apply, with full particulars, to H. Richards, Chemist, Warminster.

WEM.—Wanted for a Country business, a trustworthy Assistant, aged about 24; hours short; no Sunday duty. State all particulars, to Morgan, Chemist, Wem, Salop.

WESTGATE-ON-SEA.—Immediately, for three or four months, a good Junior Dispenser for a high-class business. Apply, with full particulars, if possible enclosing carte, to F. R. Bessant, 33 Warnboro Road, Oxford.

WOLVERHAMPTON.—Junior or Improver wanted (outdoor). Apply, stating age, height salary required, and enclose photo, to F. A. Willcock, 71 Victoria Street, Wolverhampton.

WOLVERHAMPTON.—Wanted, indoor Assistant as Dispenser, qualified or unqualified. State age, height, references, when at liberty, salary required, and enclose photo, to "Chemist," 11 Queen Square, Wolverhampton.

AN Assistant required for two months: knowledge of Photography would be an advantage; comfortable home; county Herefordshire. 192/29, Office of this Paper.

BRANCH Manager; Midlands; qualified; one who understands Photography and can Extract Teeth preferred: good, pushing, energetic man necessary. Apply, with particulars of salary required, house and gas free, to "Verax" (193/29), Office of this Paper.

FAULKNER'S Drug Stores, 815 Romford Road, Manor Park, Essex, require a smart married man used to cutting business; to live on premises; 25 minutes from City. Apply personally, Friday, Saturday, or Tuesday, or write full particulars.

IMMEDIATELY (outdoors), smart Junior, about 21, for high-class Cash business, S.W. suburb; knowledge of Photo trade an advantage. Apply, stating fullest particulars of experience, salary expected, &c., to R. (195/6), Office of this Paper. Also vacancy for an Improver.

JOHN BARKER & CO. (LIM.), Kensington, W., require a Counter Assistant, indoors; hours 8 to 7, 2 o'clock Saturdays, no Sunday duty; personal application necessary.

JUNIOR wanted, for good-class Country Retail, about July 12. Send photo and references to T. Read, Sandwich, Kent.

JUNIOR wanted for Drug department for large concern in the North. State age, experience, and salary required, to Box 164, Sell's Advertising Offices, London.

JUNIOR or Improver wanted immediately (outdoors), for a Light Retail and Dispensing business. Address, W. Jacobs, Norfield House, Guildford. State salary required, age, height, references, &c.

JUNIOR Assistant (indoors); good references. Full particulars (personal application preferred), to C. Bunker, 135 Great Dover Street, S.E.

JUNIOR or Improver, in first-class Dispensing establishment in high-class neighbourhood of Liverpool; half-day off each week; preference given to one just out of his apprenticeship and used to high-class work. 191/7, Office of this Paper.

LIGHT occupation; suitable for elderly Chemist, or Minor man desiring part time engagement. Apply, stating age, and if married, X., c/o Messrs. Evans, Sons & Co, 56 Hanover Street, Liverpool.

MANAGER (married) wanted, for small Branch, Light Retail, Dispensing, and Prescribing business. In reply, please state age, salary required with unfurnished house and gas, and previous engagements, with reference and photo, to Arthur Hill, Chemist, 88 High Street, Cheltenham.

NATHANIEL SMITH & CO., Cheltenham, require an Assistant as Dispenser. Applicants will please send particulars of experience, age, height, &c, 373 High Street, Cheltenham.

QUALIFIED Dispenser wanted, easy hours, no Sunday duty; outdoors. Apply by letter, stating age and salary required, to "J. G.," 136 Queen Victoria Street, E.C.

QUALIFIED Manager wanted, at once, to open and develop a Branch Pharmacy in a high class residential London neighbourhood, with view to early Partnership; an exceptional opportunity for an energetic and capable man; good appearance essential; none need reply excepting those who can produce the highest references as to capabilities necessary to fill such a position. Apply, by letter, to "Confidential," c/o Messrs. Barron, Harveys & Co., Giltspur Street, E.C.

QUALIFIED Assistant required for London and suburbs; good-class Cash business; outdoors; preference given to a married man who would eventually reside upon the premises. Apply, by letter, stating salary, age, and experience, to "Tamar," c/o 80 Borough Road, S.E.

REQUIRED, immediately, a Senior Assistant, in a good-class Mixed business; a smart Counterman preferred; outdoors; one evening off per week at 5 p.m., alternate Sunday duty from 6 to 9 p.m.; also a Junior; no Sunday duty; half a day's recreation per week, easy hours; a good salary paid to suitable men. Apply to "Manager" (190/21), Office of this Paper.

SMART, qualified man required, at once for management of Branch; must be steady, reliable, and experienced; good salary and prospects to suitable man. Apply, giving full particulars as to references, age, height, &c., and photo if possible, to Sussex Drug Co. (Lim.), 135 Queen's Road, Brighton; or call personally, between the hours of 4 and 5 on Friday afternoon, at Granville House, Arundel Street, Strand, W.C., for interview.

SMART Assistants, Qualified or Unqualified, open to accept situations in South Africa, should apply to Lennon, Limited, 75 Leadenhall Street, London, E.C., who frequently hear of good appointments.

WANTED, a good smart Assistant, accustomed to good-class trade; short hours. Apply, 187/14, Office of this Paper.

WANTED, a thoroughly steady Junior for a good business: one accustomed to a country town; must have good references. Apply, with all particulars, to Corfe, Chemist, Dover.

WANTED, qualified Assistant, outdoors, from July 3 to end of August, for Drug department. Apply, stating age, height, references, and salary required, to Manager, Junior Army and Navy Stores (Limited), Aldershot.

WANTED, in a Dispensing and Light Retail business, a Junior or qualified Assistant, with some knowledge of Postal and Telegraph duties (single needle). Address, full particulars, age, experience, and salary required, A. B. (189/38), Office of this Paper.

WANTED, Assistant, to manage Country Branch; member of Christian church; good all-round man; Extractor; to live on premises. Give full particulars, references, salary, &c., to Twelves, Chemist, Sheffield.

WANTED, immediately, a Manager for a Branch business; must be a good Prescriber and Extractor; married; indoors; liberal terms to a suitable gentleman. Also, at once, a Junior for select Retail; time for study. 191/34, Office of this Paper.

WANTED, an Assistant to manage a Branch; must be quick, industrious, and willing. Send full particulars and enclose photo to A. A. Bones, Chemist, Coventry.

WANTED, at once, a trustworthy Assistant to Mixed Retail and Prescribing business; one desiring a permanency preferred. Apply, with references and salary required (outnoors), photo if possible, and when disengaged, to Bolesworth's Drug Stores, Alum Rock Road, Saltly, Birmingham.

WANTED, an indoor Assistant; age about 25; must be well up in Dispensing; good salary; qualification not essential. 194/1, Office of this Paper.

PARISH OF NOTTINGHAM.

ASSISTANT DISPENSER.

THE Guardians of the Poor of the Parish of Nottingham require the services of a Qualified Dispenser, to act as Assistant at their Dispensaries; one accustomed to similar or Hospital work preferred; salary £80 per annum. Applications on forms to be obtained at my office, stating the qualifications and accompanied by copies of testimonials, must be sent to me, the undersigned, not later than 4 o'clock in the afternoon of Thursday, the 6th July.

The appointment will be made subject to the approval of the Local Government Board and to a deduction from salary after the rate of £2 per cent. per annum under the Poor Law Officers' Superannuation Act, 1896.

By Order of the Guardians,
G. MUNCASTER HOWARD,
Clerk to the Board.

Poor Law Offices, Nottingham,
21st June, 1899.

WHOLESALE.

MANCHESTER Agents, representing leading Perfumers, Central Offices, connection Wholesale and large Retail, want Commission; no sub-agency; only good firm. 191/12, Office of this Paper.

IN the Research, Analytical and Manufacturing Laboratories of a prominent firm of Manufacturing Chemists are vacancies for well-qualified gentlemen; candidates must furnish full particulars as to age, qualifications, and experience, and state salary required. Address, "Chemist," c/o Messrs. Street & Co., 30 Cornhill, E.C.

JUNIOR, for Country Wholesale; one who has had experience in making Tinctures and other preparations (with some knowledge of Chemistry preferred), and can be well recommended for accuracy and intelligence. State age and salary (outdoors) to "Wholesale" (193/21), Office of this Paper.

MANUFACTURING.—An exceptionally well-trained Pharmaceutical Chemist, with considerable experience in the manufacture of Preparations, and some knowledge of Drug-grinding; must be business-like, accurate, and resourceful. State age, experience, and salary (the latter will be progressive), to "Fides," c/o Mather & Crowther (Limited), 10 to 12 New Bridge Street, E.C.

STOCK Department.—A very well-informed Pharmacist, of good judgment, with experience as Warehouseman, to control stocks (Drugs and Chemicals) in a large manufacturing business; progressive salary. State age, experience, and salary expected, to "Stock," c/o Dixon's Advertising Offices, 195 Oxford Street, W.

TRAVELLERS for Midlands and Northern counties. Thomas Guest & Co., Carruthers Street, Manchester.

WANTED, an Assistant for Wholesale and Retail Drug Dispensing business; one used to soliciting orders in the country about four days a week. Send references, photo, salary, age, &c. (indoors), B. B. Cowgill, Sowerby Bridge, Yorks.

WANTED, the services of a gentleman who has a good connection with Chemists and Perfumers, to represent a firm of Toilet Soap Makers upon commission over the West of England. Apply, X. (43,41), Office of this Paper.

WET Counterman wanted for a Wholesale House in the City; also an Assistant accustomed to Tablet making. Address, X., c/o Messrs. Goodinge & Son, 16 Aldersgate Street, E.C.

WHOLESALE Assistant wanted for Port Elizabeth, South Africa; must have had good experience at both Wet and Dry counters; unmarried; aged about 28. Apply by letter, giving full particulars, to L. L., 75 Leadenhall Street, London, E.C.

APPRENTICESHIPS.

A LEADING Pharmaceutical Chemist in Nottingham has a vacancy for an Apprentice as a Pupil; personal attention given to preparing him in all subjects for the Minor Examination, as well as in acquiring a sound knowledge of the business; references to former pupils; premium required. Address, "Apprentice" (192/30), Office of this Paper.

SITUATIONS WANTED

1s. for 12 words or less; 6d. for every 6 words beyond.

RETAIL.

LOCUM; good experience. "Salix," 203 Kennington Road, S.E.

PART-TIME; Dispenser or Retail; qualified. 193/1, Office of this Paper.

IMPROVER; 19; 5 ft. 6½ in.; 3½ years' experience. Williams, Bank, Narberth.

LOCUM-TENENS; qualified. Wellings, 259 Broad Street, Birmingham.

PART-TIME; evenings; experienced. "Minor Student," 203 Kennington Road, S.E.

ASSISTANT, Manager, or Locum; 42; qualified; single. Ahington, Staple Hill, Bristol.

LOCUM; 20 years' experience as; disengaged. Davis, 5 Myddleton Road, Bowes Park, N.

JUNIOR; 19½; 5 ft. 9 in.; 4½ years' experience; disengaged July. Bembridge, Alfreton.

LOCUM; disengaged July 4; well recommended. "Chem.," 4 Mayfield Road, Dalston, N.

LOCUM; Major; 24; good London experience and references. Payne, Bank Street, Maidstone.

JUNIOR; 20; height 5 ft. 7 in.; disengaged July 10. Myers, 43 Gaoriels Hill, Maidstone.

QUALIFIED Manager or Senior; tall; 27; disengaged July 19. 193/7, Office of this Paper.

MR. DAY, qualified Locum; Chemist, Surgery, Hospital; London. 60 Holland Street, Brixton.

ASSISTANT; good London experience; aged 23. "Phenacetin," 2 Guildford Road, Stockwell, S.W.

LOCUM; qualified; aged 30; good address and experience. "Chemist," c/o 14 Elm Grove Road, Barnes, S.W.

JUNIOR (19) requires London situation; disengaged 7th July. "Hiemes," 153 Queen Street, Portsea.

AS Assistant or Surgeon's Dispenser; experienced; unqualified. "Alpha," 17 Weston Road, Gloucester.

ABROAD.—South Africa preferred; aged 24; good references; unqualified. 186/33, Office of this Paper.

TEMPORARY work required until August 8, by Associate; disengaged. "Cout," 1 Earl's Court Road, W.

POSITION of Trust or Locum; long, varied experience; single. "Alpha," 68 Devonshire Road, Holloway, N.

LOCUM-TENENS or Manager (Midlands); qualified; Extractor. J. Alcock, Post Office, Ashby-de-la-Zouch.

MANAGER; Chemist and Wine Merchant; 25 years' experience. "Chemicus," 58 Napier Street, Sheffield.

ASSISTANT; 21; 5 ft. 10 in.; 5 years' experience; permanency outdoors. Williams, Penberthy, Hayle, Cornwall.

SITUATIONS WANTED—*cont.*

RETAIL—continued.

ASSISTANT: qualified; 24; good Dispenser; London, outdoors, preferred. J. E. Robinson, Pharmacy, Stone, Staffs.

AS Locum; Bristol or neighbourhood; disengaged shortly; experienced. "Radix," 71 Elton Road, Bishopston, Bristol.

QUALIFIED; 21½; outdoors; 5 years' experience; short hours. Apply, Jones, 13 Prospect Place, Ogmore Vale, Glam.

QUALIFIED; 24; outdoors; disengaged; 7 years' experience. State full particulars, "Chemist" (191/40), Office of this Paper.

SENIOR or Manager; 26; qualified; first-class experience; London preferred. "Statim," 34 Ambler Road, Finsbury Park, N.

TEMPORARY; qualified; 54; disengaged part of August and September. Jones, c/o Mr. Jenkins, Chemist, Bridgend, Glam.

LOCUM or Manager; varied experience; qualified; married; highest references. "Sex," Mr. Nelmes, Chemist, Fox Street, Liverpool.

MANAGER (in the Provinces), age 30, with view to succession; 13 years' experience. "Beta," 21 Eastgate, Louth, Lincolnshire.

ASSISTANT or Manager; qualified; good-class Cash business; view to succession; large town preferred. 191/33, Office of this Paper.

NEWCASTLE district; 3 years' experience; full or part time; photography; Preliminary; unqualified. 190/4, Office of this Paper.

QUALIFIED Assistant; outdoors; short hours; country; salary 50s. weekly. Apply, with full particulars, to H. (194/12), Office of this Paper.

JUNIOR (23) desires situation in good-class Pharmacy. Apply, with full particulars, to "Carbon," 1 Easton Terrace, Lower Richmond Road, S.W.

36; temporary or permanent; experienced; abstainer; highest references; disengaged. "Chemicus," 83 Devonshire Road, Chiswick, W.

ASSISTANT, or Branch Manager, Stores; unqualified; 27; tall; good experience, town and country. "Drugs," 159 Bath Row, Birmingham.

ASSISTANT, in good-class Dispensing business; 22; tall; 8 years' experience; unqualified; Photography. Haworth, 11 Boundary Street, Rochdale.

JUNIOR desires situation for six or eight weeks (August and September); good experience. Apply, "Temp," 19 Whiting Street, Bury St. Edmunds.

BRANCH Manager; 28; qualified; married (no family); live on premises or outdoors; Manchester district preferred. Apply, 193/14, Office of this Paper.

COUNTERMAN; 32; good West-end Store experience; outdoors; London; good references; unqualified. A. R., 57B New King's Road, Fulham, S.W.

IMMEDIATE, Manager or Senior; 20 years' all-round experience; qualified; London or suburbs; highest references. George Marden, Floral House, Chertsey.

LOCUM-TENENS; 38; 20 years' first-class experience; day or week; best credentials, &c.; references; moderate terms. "Omnium," 32 Lion Street, Walworth, S.E.

RELIABLE registered Chemist and Surgeon-Dentist desires Branch management, with facilities for Dentistry; married. "Registered" (193/22), Office of this Paper.

IRELAND.—As Junior Assistant, in Ireland; 5 years with Messrs. Prior & Co., Londonderry. Apply, H. Moore, c/o Messrs Sadleir & Slinn, Chemists, Gloucester.

LOCUM (Holiday); thorough experience; Prescriber and Extractor. Address, "Manager," c/o A. Pointon Newman, Esq., 89 Holton Road, Barry Dock, South Wales.

MANAGER; Major qualification; first-class experience; good references; outdoors; South Coast preferred. Apply, S. O. G., Manor House, Chenies, Rickmansworth, Herts.

DISPENSER requires engagement with a Medical man or Institution, or Locum-tenens; town or country; Hall certificate. Apply, Miss B. Cory, 56 Homefield Road, Chiswick.

ASSISTANT.—German gentleman, fully qualified, wants situation; outdoors; City or West-end preferred; services gratis for a period. Address, H. P., 27 Canonbury Park South, N.

AS Manager or Assistant; qualified; 26; married; has had good experience, and used to Dispensing and Light Retail business; good references. T. W. (193/16), Office of this Paper.

QUALIFIED, M.P.S. (29), unmarried, wants position in good Stores; had some experience of same; lately Medical Dispenser. Address, "Thioform," 57 Sutherland Square, Walworth, S.E.

QUALIFIED Chemist, good experience and character, is open to engagement during summer months as Manager or Traveller; London preferred. J. (193/20), Office of this Paper.

MANAGERSHIP of Cash business, where 2 or 3 kept; London, suburbs, or near; good business experience and references; 28. "Pharmaceutical Chemist" (193/4), Office of this Paper.

BRANCH Manager or Senior; 26; qualified; 5 ft. 8 in.; outdoors or live on premises; Southern county, Coast preferred; disengaged July 8; good references. 17 High Street, Hemel Hempstead.

QUALIFIED; Manager; 29; married; tall; successful Prescriber, Extractor; highest references from present and previous employers; disengaged July 10. "Chemist," 76 Green Street, Upton Park, E.

CHEMIST desires situation in a first-class Dispensing business; prospect of successioo or partnership preferred; knowledge of Photography; tall; good references. J. L. Morton, Ramsbottom, Lancashire.

QUALIFIED Chemist; 15 years in Dental Surgery; good operator; wishes engagement on South Coast, Doctor or Dentist; first-rate rider and driver; liberty early in July. "Vulcan," 59 Portland Road, Worthing.

LOCUM-TENENS.—An elderly gentleman, M.P.S., out of business, wishing for occupation, is open to take charge for short periods, either in town or country. Address, W. Smith, 15 Crutchfield Road, Walton-on-Thames.

DISPENSER.—Wanted, a situation either with a Doctor or Chemist in Dublin; 8 years' experience; over 3 years in present place; highest testimonials and references. Please apply, "Pah," 4 Grafton Street, Oxford Road, Manchester.

BIRMINGHAM or district.—Temporary management wanted from June 27; aged 36; Minor; tall; good local references. Address, until evening June 24, "Temp.," c/o Mr. Hartland, Redditch; after 53 Regent Road, Harborne, Birmingham.

YOUNG qualified Chemist (married), recently retired from business on account of health, wishes a light permanent post with Chemist, Surgeon, or Institution; hours not to exceed 10 to 5; accustomed to large business; nominal salary expected. J., 128 Ashley Road, Bristol.

WHOLESALE.

WET Counterman; 18½; 4½ years' experience. 12 Thorne Villas, Tenby Road, Stratford.

EXPERIENCED man as Traveller, Manager, or Buyer; disengaged shortly. 194/11, Office of this Paper.

TRAVELLER; 27; disengaged; Drugs, Sundries, or allied trades; experienced. "Traveller," 40 Swinton Street, W.C.

TRAVELLER, with first-class connection amongst Wholesale and Retail, desires engagement. G., 194 36, Office of this Paper.

PHARMACEUTICAL Laboratory.—Middle-aged experienced hand, with good London references. Apply B., 65 Downham Road, N.

TRAVELLER.—Position as such wanted with Drug or Sundry firm by Scotch Chemist's assistant; highest references. "Edinburgh" (189 33), Office of this Paper.

WANTED, a situation in a London Wholesale warehouse; has had good experience; or as Counterman in a Drug Store. Address, A. K., 31 Granville Square, W.C.

TRAVELLER, calling upon Chemists, Druggists and Medical Men throughout Ireland, is open for a commission for any saleable lines. Apply, 192 23, Office of this Paper.

ASSISTANT (21) desires engagement at Wet or Dry Counter; first-class; many years' experience with a Wholesale and Retail provincial Chemist; undeniable reference. G. (195/7), Office of this Paper.

WHOLESALE.—Advertiser (21) seeks post as Laboratory Assistant or otherwise; all-round scientific training; good-class Retail and some Wholesale experience. "Formalin" 34 Hill Rise, Richmond.

TRAVELLER, with large connection (London), disengaged from well-known firm, wishes to represent good General Drug-house to call on Chemists and Medical men. "Traveller" (194/9), Office of this Paper.

REPRESENTATIVE.—Qualified Chemist; 25; good Wholesale and Retail experience; some travelling; able to influence business; desires position as above. Whitehead, 15 St. Peter's Street, Islington, N.

REPRESENTATIVE to first-class House; good appearance, energetic, successful; excellent connection among Doctors and better-class Chemists; highest references. Address White, 12B Leighton Grove, Kentish Town, N.W.

JAPAN.—Gentleman, with considerable business experience, including 5 years travelling in England, is open to represent a few Manufacturers in Japan, intends to establish office in Yokohama, and would thoroughly look after the interests of firms represented; all communications treated in strict confidence; first-class references. Address, Box 173 Sell's Offices, 167 Fleet Street, London.

MISCELLANEOUS.

DAISY (LIMITED), Leeds, will be happy to advertise (at reasonable rates) in Chemists' Lists, &c., &c.

SARZÆ! SARZÆ!! SARZÆ!!!—Ext. Sarzæ Co. Nov., 1 lb. 4*s.*, 2 lbs. 7*s.* 6*d.*, 3 lbs. 10*s.*, 7 lbs. 21*s.*; ½-oz. jars 2*s.* 6*d.* doz., 1-oz. jars doz., plain labels, carriage paid; 1-cwt. keg Pulv. Glycyrrh. Co. B.P., ., carriage forward; samples free; cash with order. W. Huntrods & ., 198 Kirkstall Road, Leeds.

DRIVETT'S TEMPERANCE HOTEL (Close to the Pharmaceutical Society, Bloomsbury Square).—Bedroom with Breakfast 6*d.*; Board by arrangement; hot and cold baths; omnibuses to all rts of London. 68 Southampton Row, Russell Square, London, W.C. B.—The number of this Hotel is 68.

THE Cheapest and Best in the Market; Lemonade Crystals; very superior article; superb flavour; usual size; elegant wrapper; 1 gross sent ith customer's name and address on cartoon on receipt of 24*s.*; sample ttle on receipt of 3*d.* to cover cost of postage. The Pure Beverage ompany, 22 Albany Road, Wolverhampton.

BARGAINS in Chemists' Fittings, &c.—180 gold labelled shop-rounds and Jars, £8 10*s.*; 12-ft. range polished pine drawers, gold labelled, 6 12*s.*; 12-ft. range mahogany ditto, bevelled glass labels and cut-glass nobs, £9 10*s.*; 4 4-gallon carboys, 11*s.* each; 4 6-gallon ditto, 14*s.* each; rass pillar stand, glass shelves, 22*s.*; 6 ft. bent front case, £4 10*s.*; estimates free. R. Tomlinson & Sons, Medical Fitters, Bond Street, Birmingam.

THE GREAT AUSTRALIAN REMEDY.—The proprietrix of the Patent and Trade-mark Rights of the Great Australian Remedy for latarrh, Influenza, and all Bronchial and Throat Affections, is desirous of isposing of these rights. The remedy has a wonderful reputation in ustralia, especially in New South Wales, where it enjoys a good sale urely by recommendation. Full particulars will be given to any inquirer ith a view to purchase. The speciality is one which might be worked up n Great Britain into magnificent returns, as Australian singers consider it nvaluable. 6/7, Office of this Paper.

CHEMISTS' Shop-fixtures.—Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; nahogany dispensing-screens; counters with glass-case fronts; wall-cases; ent-front and flat-top counter-cases; counter-desks; tooth-brush cases; omplete shop-rounds, &c.; every requisite for Chemists, new and second-and; extensive stock to select from, at extremely low prices; practical men sent to all parts; estimates free. Matthews, Chemists' Fitter, 14 & 16 Manchester Street, Liverpool; Works: 9 Preston Street. Telephone 6695.

BOXES.—Light wood boxes of every description, hinged or nail lids, planed or unplaned, suitable for packing all kinds of articles; cheapest, strongest, and best in the market; quotations by return post; sample 6 stamps; list free. Write for sample and prices, stating sizes required, to E. Casbon, Huntly Grove Box and Joinery Works, Peterborough.

"PRIMUS" SULPHUR TABLETS.—1 cwt., 32*s.*; 2 cwt., 31*s.*; 5 cwt. 30*s.*, carriage paid. Sulphur and Sarsaparilla same price; samples free. Send 3*s.* 6*d.* for 7-lb. box, post free. Blaud's Pills, 100 gross at 2*d.*, 500 gross at 1¾*d.*, 1,000 gross at 1½*d.*, 1 gross tins at 30*s.* gross. Disinfecting Shells, 4*s.* 6*d.* gross, 5 gross at 4*s.* gross. All carriage paid. Christy & Co., Smithfield Laboratory, Curzon Street, Leicester.

SHOP-FITTINGS.—12-ft. complete wall-fitting; 60 mahogany-fronted drug-drawers, bevelled glass labels and cut knobs, lockers, cornice pilasters, shelving, &c.; 10-ft. mahogany serving-counter, with plate-glass cases in front; 6-ft. bevelled-edged mirror centre dispensing-screen, with mahogany and plate-glass counter, and marble-top sponge-case under; 6-ft. wall show-case, with recess; desk and perfume-case combined; 5-ft. bent plate-glass counter-case, with display shelves and 4-ft. nest of counter drawers with label, paper, till, and other drawers; fifty guineas complete. Philip Josephs & Son, 54 Old Street, London, E.C.

SULPHUR TABLETS AND SULPHUR & SARSAPARILLA TABLETS.

TWO cwt. at 36*s.*; one at 33*s.*; ½ cwt. at £1 1*s.* 1*d.*, carriage paid. Sulphur and Sarsaparilla, 45*s.*; 2 cwt. 42*s.*; ½ cwt. £1 4*s.* 6*d.* Samples free. A sample 7-lb. box free for 3*s.* 9*d.* Splendid show priced cards and labels free. White, Chemist, Leicester. Large buyers special quotations.

ROUSE'S DICTIONARY OF SYNONYMS.

FOR the Use of Chemists, their Assistants, and Apprentices. Contains between 4,000 and 5,000 references. The most complete work of its kind; clears up doubtful and obscure points: prevents mistakes; safeguards against accidents; invaluable at the Dispensing and Retail Counters. Price 1*s.*, post free, from the compilers, Rouse Bros., 61 Charlotte Street, London, W., or through any Druggists' Sundriesman.

No Pharmacy complete without it.

STIRLING'S MINOR AIDS.

(Descriptive List post free on request.)

Organic Materia Medica. In accord with B.P., 1898, and New Minor Schedule 1899. Much enlarged. Price 1*s.* 9*d.*; in cloth boards, 2*s.*
Notes on Dispensing. Pocket Edition. Interleaved for MS. notes. 1*s.* 6*d.*
Pharmaceutical Latin and Prescription Reading; with Key. 1*s.* 6*d.*
A Manual of Botanical Terms. Over 2,000 references. 1*s.* 6*d.*
Botanical Companion, and How to Describe a Plant. 6*d.*
Equations and Formulæ. An aid to Equation Writing. 1*s.*
Synopsis of Doses, Strengths, &c., of B.P., 1898. Pocket edition. Price 6*d.*; in limp cloth, 9*d.*

All post free throughout the world.

JOHN GOWER, Publisher, Waterloo, LIVERPOOL.

PETROLEUM ACT.

CAUTION TO CHEMISTS!

TAKE NOTICE,

It is illegal to put up small bottles of Benzine on unlicensed premises.
It is illegal to stock bulk on the premises.

The Clerk of the London County Council, in a letter to the Editor of "The Chemist and Druggist," published in "The Chemist and Druggist" of June 17, 1899, writes:—

"What the Council does object to, and what is distinctly contrary to "law, is the practice which some Chemists have adopted of purchasing "petroleum in bulk, and subsequently bottling it in smaller receptacles. "This operation can only lawfully be done on premises which have been "licensed."

Why damage your Fire Insurance Policy, and run the risk of £20 penalty, when you can obtain

JACKSON'S BENZINE RECT.

in **2** oz. and **5** oz. bottles, at **4**/- and **8**/- dozen, subject to usual discounts?

THOMAS JACKSON, Strangeways, MANCHESTER.

EXCHANGE COLUMN-BARGAINS

TERMS.

DEPOSIT.—The purchaser of anything advertised in the Exchange Column may remit the amount to us, and we only pay the money deposited on advice from the remitter. We charge a commission of 6*d.* on any transaction of £3 or less, or 1*s.* if above that amount, which is payable by the purchaser.

Limited to the Advertisements of Surplus Stock, Shop Fittings, Apparatus, Photographic Goods, Books and Periodicals, Formulæ, Addresses Wanted, and Articles Wanted.

½d. *per word with name and address.* **1d.** *per word if we register the address and attach a number.*

No Advertisement inserted for less than 6d.

Remittances payable to EDWARD HALSE and crossed MARTIN'S BANK, LIMITED.

FOR DISPOSAL.

APPARATUS.

Set of 10 douche-forceps, electro-plated, equal to new, £2; also 7 not plated, 10*s.* 6*d.* COOK, Chemist, Nottingham.

Set electro-plated dental-forceps, 15 pairs in leather case; nearly new, perfect condition; £3. G. HILLDROP, Harrow.

Moulds—suppository, pessary, bougie, capsule, all Maw's patterns, some new; particulars free. WARNES, Chemist, 333 Gray's Inn Road, W.C.

Paint-mixer, with fast and loose pulley for power, cost £5; excellent shop-stove with descending flue, cost £17 10*s.*; no reasonable offer refused; would exchange for drugs or patents. TWELVES, Chemist, Sheffield.

BOOKS AND PERIODICALS.

"Pharmacographia," Attfield's "Chemistry," Watts's "Inorganic Chemistry," Watts's "Organic Chemistry," Bentley's "Botany"; good condition; what offers? BROWN, Chemist, Earlestown.

OPTICAL AND PHOTOGRAPHIC.

Lancaster's half-plate Instantograph, perfect condition, with accessories, cheap. WHITE, Chemist, Ashford.

£5 5s. "C" Daylight Kodak, almost new; will accept £2 for it. PATERSON, 51 Chelverton Road, Putney, S.W.

Optician's case test-lenses, concave and convex, 30 pairs each, and set tinted lenses, complete in velvet-lined case with lens-frame and test-types; perfect condition; 30*s.* G. HILLDROP, Harrow.

Lancaster's Instantograph, half-plate, complete, good condition, 55*s.*, ditto, 35*s.*; Le Merveilleux, quarter-plate, as new, 14*s.* 6*d.*, another, 10*s.* 6*d.*; £5 5*s.* the lot, or best offer. BROWNLOW, Melton Mowbray.

PROPRIETARY ARTICLES.

Jeyes' sheep dip, 46 1-gall. and 96 ½-gall. tins; what offers? 188/4, Office of this Paper.

9 doz. Williams's pink pills, unopened, 23*s.* per doz., cash with order, carriage paid. DAVIES, 4 Arbour Street, Southport.

What offers? 14 doz. 1*s.* assorted homœopathic medicines (Leath & Ross's); all clean. GIBSON, Chemist, Nottingham Street, Sheffield.

SHARES.

Two Seigel's ordinary shares; what offers? 189/16, Office of this Paper.

SHOP FITTINGS.

About 150 shop-rounds, assorted sizes, some gold-labelled, £2. COOK, Chemist, Nottingham.

Complete fittings for small chemist's shop including 2 window-fixtures, with glass shelves and brackets, cheap. COOK, Chemist, Nottingham.

MISCELLANEOUS.

Acetylene apparatus and lamps, several old ones to be jobbed off. ERHARDT, 7 Bury Street, Bloomsbury, London.

One 170-gall. and 2 200-gall. copper steam-jacketed pans; can be seen at our works. BENNETT, SONS & SHEARS (LIM.), 167 Kingsland Road, London, N.E.

5 doz. each 1*s.* 6*d.* and 2*s.* 9*d.* Holloway's wine; carboys, jars, shop-rounds, and small stock; state requirements; cash or exchange. FLOYD & Co., Bury St. Edmunds.

Drum-sieve, complete, 120, little used, 12½ in. diam., 5*s.*; battery, 2-celled, dry, with all appliances, cost £8 8*s.*, 35*s.*; Quain's "Dictionary," last edition, cost £2, £1. JONES, Sutton Coldfield.

Dispensing-bottles, flat, 4 doz. each 12-oz. and 16-oz., new, 24 quarts oval, 7*s.* 6*d.* lot; pair gilt-top specie-jars, labelled, circumference 40 in., height 17 in., 6*s.* 6*d.*; British Pharmacopœia, 1898, with 80 materia medica specimens, 9*s.*; exchange entertained. CULLEN, Chemist, Norwich.

Glass Bottles.—2½ gross ½-oz. actinic green round-shouldered vials, stoppered, 9*s.* 6*d.*; 1 gross ½-oz. ball-shaped stoppered perfumes, 12*s.*; 6 gross 2-oz. screw nickel-capped pomades, 9*s.*; 2 gross 2-dr. white ovals, 3*s.*; 8 gross 1-oz. white flats, 4*s.*; 8 gross 4-oz. blue wide-month direct squares, 6*s.*; 7 gross 2-dr. homœopathic vials, spouted, 2*s.* 6*d.*; 17 gross 2 oz. white fancy perfumes, 6*s.*; 23 gross 3-dr. heavy round-shouldered vials, 3*s.*; 16 gross ½-oz. Cannon essences, 4*s.* per gross; 3 gross 6-oz. white flint Lubins, 16*s.* 6*d.* per gross; 3 gross 8-oz. blue-tinted Corbyns, 8*s.* gross. Samples sent for stamps 6*d.* Apply, HEARNS (LIMITED), Lea Bridge, Clapton, London, N.E.

WANTED.

Mixing-machine, 1 or 2 cwt. GATWARD & WRIGHT, Medical Hall, Yeovil.

Seigel ordinary and preference shares. State number and price to 193/5, Office of this Paper.

Set of type for window-tickets, or exchange 5-gr. pill-machine. HAWLEY, Chemist, Cheltenham.

Old electric lamps and scrap platinum. P. ROWSELL, 9 Derwent Grove, East Dulwich, London.

Three or 4 large paraffin-tanks, to hold 100 or 200 galls. Particulars to TWELVES, Chemist, Sheffield.

Counter show-case for tablets, B. W. & Co.'s or similar; state price. FRASER, 84 Comiston Road, Edinburgh.

Recipes for good-class toilet-preparations; liberal price. Particulars privately to W. LEWIS, 15 Sheldon Street, London, W.

PERSONAL.

Address of Mrs. Nicholas; probably Folkestone; invalid. EVANS, Chemist, Camberley.

The SUBSCRIPTION LIST will CLOSE on or before MONDAY, the 26th day of JUNE, 1899.

Issue of 25,000 Cumulative £5 per Cent. Preference Shares of £5 each.

"VINOLIA" COMPANY,

LIMITED.

(Incorporated under the Companies Acts, 1862 to 1893.)

CAPITAL - - - - £250,000

DIVIDED AS FOLLOWS:

25,000 Five per Cent. Cumulative Preference Shares of £5 each	£125,000
25,000 Ordinary Shares of £5 each = = = = =	£125,000

The Preference Shares will be entitled to a fixed cumulative preferential dividend at the rate of 5 per cent. per annum, payable half-yearly on 1st April and 1st October in each year, and will also be entitled to rank in respect of capital in priority to the Ordinary Shares. The payment on the 1st October, 1899, will be calculated from the due dates of the respective payments on the Preference Shares.

The whole of the Ordinary Shares will be taken by the Vendors, credited as fully paid up, in part payment of the purchase money.

25,000 Five per Cent. Cumulative Preference Shares of £5 each are offered for Subscription at par.

PAYABLE AS FOLLOWS:

ON APPLICATION	£0 10 0	per Share.
ON ALLOTMENT	1 10 0	" "
ON THE 31st JULY, 1899 ...	3 0 0	" "
	£5 0 0	

DIRECTORS.

EGGLESTON BURROWS. HENRY GARNETT.
JAMES HILLS HARTRIDGE. WILLIAM PINNEY.
FLETCHER J. E. WELCH.

BANKERS

PARR'S BANK (LIMITED), 4 Bartholomew Lane, E.C., High Street, Camden Town, N.W., and Branches.

AUDITORS.

PRICE, WATERHOUSE & CO., 3 Frederick's Place, Old Jewry, E.C.
PRIDEAUX, BOOKER, FRERE & CO., 48 Lincoln's Inn Fields, W.C.

SOLICITORS FOR THE COMPANY.

HOLLAMS, SONS, COWARD & HAWKSLEY, Mincing Lane, E.C.

SOLICITORS FOR THE VENDORS.

RADFORD & FRANKLAND, 40 Chancery Lane, W.C.

BROKERS.

R. NIVISON & CO., 8 Finch Lane, E.C.

SECRETARY.

A. J. C. MACPHERSON.

REGISTERED OFFICES.

MALDEN CRESCENT, LONDON, N.W.

PROSPECTUS.

This company has been formed to acquire as a going concern, and to carry on and further develop the business of Vinolia Company (Limited), manufacturers of the well-known "Vinolia" Soap.

The business includes other well-known preparations, and also the old-established business which, in 1898, was acquired of John Wilton & Sons, Soap and Candle Manufacturers and Tallow Refiners, Carpenters Road, Stratford, E., with their premises and plant. Since such acquisition extensive alterations and improvements have been made in the buildings and premises, and an entirely new modern soap-plant has been laid down, which is now in full working order. A modern glycerine distillery has also lately been erected, and is in operation. The foregoing premises have been extended by the acquirement of a lease of large adjoining buildings and grounds.

The "Vinolia" business was founded in the beginning of the year 1888, and carried on under the trade name of Blondeau et Cie. until April, 1898, when for family reasons it was converted into a private company with a

"VINOLIA" COMPANY, LIMITED—cont.

nominal capital of £100,000, under the name of "Vinolia Company, Limited."

Hitherto the business has been, among other things, that of soap-refining, but the company is now in a position to manufacture its "Vinolia" Soaps from crude materials, and avail itself of all the profits directly and indirectly incidental thereto. This will add materially to the profits in the future.

The progress of the business has been steady and continuous and the valuable connection extends throughout the United Kingdom and to the Colonies, Africa, India, China, North and South America, and the Continent of Europe. In short, the traveller can easily obtain "Vinolia" Soap in most cities of the world.

The business of the company is protected by various trade-marks, registered in countries to which the business extends.

Experience has shown that there is a wide field for the expansion of a well-established business in an article so favourably known as "Vinolia" Soap.

The business will be taken over by the company as a going concern. As from the 31st August, 1898, the date of the last stocktaking, up to the registration of the company, the profits will be apportioned between the vendors and this company.

The assets to be acquired by the company consist of—

(*a*) The goodwill and trade-marks, patents, registered designs, together with the entire stock-in-trade at home and abroad, cash, book debts, and bills receivable.

(*b*) The leasehold premises, "Vinolia" Works, Maldea Crescent, London; the ground lease of the premises, Carpenter's Road, Stratford; the whole comprising factories, warehouses, offices, managers' dwelling-houses, stabling, with the plant, machinery, and effects thereon, blocks, dies, &c.

(*c*) All other property of every kind or description connected with the business.

Since the commencement of the business, the books and accounts have been regularly audited by Prideaux, Booker, Frere & Co., and for the last three years the books have been examined by Price, Waterhouse & Co. The conjoint certificate of these firms is as under:

London, 15th June, 1899.

To the DIRECTORS of the "VINOLIA" COMPANY (Limited).

GENTLEMEN—We have examined the books of the "Vinolia" Company (Limited) and of Blondeau et Cie., from whom the business was acquired in August, 1897, for the three years ending 31st August, 1898, and certify that, after charging the whole cost of advertising and all other expenses of the business, with the exception of interest and director's remuneration, the average annual net profits amounted to £16,665 1*s.* 0*d.*, the sales and profits of each year being in excess of the year preceding.

The sales from the 1st September, 1898, up to the 31st May, 1899, show an increase over those of the corresponding period of the preceding financial year.

We are, Gentlemen, yours faithfully,

(Signed) PRICE, WATERHOUSE & CO.

,, PRIDEAUX, BOOKER, FRERE & CO.

The amount required to pay the dividend on the Preference shares is only £6,250 per annum.

The price to be paid by the company for the before-mentioned assets and the business as a going concern has been fixed by the vendors at £175,000, payable as follows: As to £50,000 in cash, and as to £125,000 by the allotment of the whole of the ordinary shares of the company as fully paid up. The foregoing issue of preference shares, with the available assets to be transferred to the company, will, after providing for all the trade liabilities taken over, leave an ample amount for working capital and for development of the business.

The Board of Directors is composed of the directors of the vendor company and heads of important departments, who have been associated with the business for a long time, and are conversant with the commercial and scientific details of it.

The contract between the vendors and William Pinney, the liquidator of the vendor company of the one part and the company of the other part, for the acquisition by the company of the business and properties before mentioned, is dated the 20th day of June, 1899.

The vendors have also made contracts with reference to the promotion of the company and the subscription of part of its capital, and there are various trading contracts and arrangements in connection with the business, some of which may be contracts within the meaning of the 38th section of the Companies Act, 1867. Applicants for shares will be deemed to have had notice of such contracts and to have agreed with the company, as trustee for the directors and other persons liable, to waive any claim they may have against them for not more fully complying with the requirements of the said section, or on the ground that the vendor company stands in a fiduciary position towards this company, or that in the circumstances the directors do not constitute an independent board, and subscriptions will only be received and allotments made on that condition.

Application will be made in due course for a settlement and official quotation of the Preference shares on the London Stock Exchange.

Applications for Preference shares must be made on the prescribed form and forwarded to the bankers of the company with the amount of the deposit. If no allotment be made, the deposit will be returned in full, and if the number of shares allotted be less than the number applied for the balance will be applied towards the payment due on allotment and any excess returned to the applicant.

Failure to pay an instalment on the due date will render all previous payments liable to forfeiture.

Copies of the memorandum and articles of association and of the above-named contract for acquisition of the business may be inspected at the offices of the solicitors of the company.

Prospectuses and forms of application can be obtained at the company's offices, and of the Bankers and Brokers.

MALDEN CRESCENT, N.W., 20th June, 1899.

This Form to be filled up and forwarded entire, with cheque or cash, to Parr's Bank, Limited, Bartholomew Lane, London, E.C., or any of their Branches.

"VINOLIA" COMPANY, LIMITED.

Application Form for Five per Cent. Preference Shares.

Preferential both as to Capital and Dividend.

To the DIRECTORS of "VINOLIA" COMPANY, LIMITED.

GENTLEMEN,—Having paid to the Company's Bankers, Parr's Bank, Limited, the sum of £....., being a deposit of Ten shillings per share on application for.....Five per Cent. Cumulative Preference Shares of Five pounds each in the above-named Company, I request you to allot me that number of shares, and I agree to accept the same or any smaller number that may be allotted to me subject to the Memorandum and Articles of Association, and upon the terms of the Company's prospectus dated the 20th day of June, 1899, and I authorise you to place my name on the register of members in respect of the shares so allotted to me, and I agree to pay the further instalments upon such allotted shares as the same shall become due as required by the said prospectus. In the event of my not receiving an allotment, the amount to be returned in full. And I agree with the Company as trustee for the directors and other persons liable to waive any claim I may have against them for not more fully complying in the said prospectus with Section 38 of the Companies Act, 1867.

Name (in full) .....

Address .....

.....

Description.....

Date.....June, 1899.

Signature .....

All cheques to be made payable to bearer, and crossed Parr's Bank, Limited, London.

Printed by SPOTTISWOODE & Co., New-street Square; and Published at the Office, 42 Cannon Street, in the City of London.—*June 24, 1899.*

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OUR HOMŒOPATHIC MEDICINES

Have by far the Largest Sale, and leave an exceptionally Large Margin of Profit on Retailing, while our name and reputation, the longest honoured in English Homœopathy, attract the desired custom.

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OUR £5 Handsome and Attractive CASE (OPEN BACK OR FRONT).

This handsome Case stands unrivalled for style, convenience, and beauty, increasing the sales very considerably, and is fitted complete with Tinctures and Pilules (to customers' own selection if required) to the Net value of £5, thus yielding a handsome profit without trouble or inconvenience.
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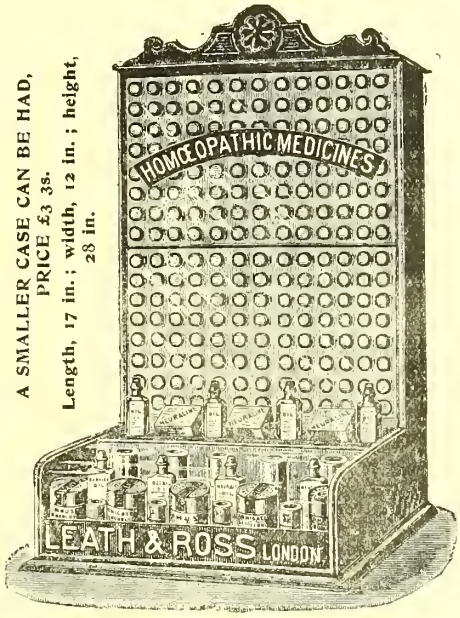

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Are in great demand everywhere, and can be had in any strength from the ϕ (mother), $1x : 1$, and upwards.

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3/6 per doz. Cash.

9d. size, 2/9 ,,

6d. size, 2/- ,,

Agents' Cases, upright or flat, at £3 3*s.*, £4 4*s.*, £5, £6 6*s.*, £10 10*s.*, and £21. All the Cases can be had in Mahogany, Walnut, or other Fancy Wood to match Shop Fittings, and fitted with 6*d.* stock, 6*d.* and 1*s.* stock, 9*d.* and 1*s.* stock, or all 1*s.* stock, as preferred.

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W. H. G. writes:—"The case came safely to hand, and has already increased my sales, and makes a handsome addition to the counter."

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And JEWRY HOUSE, OLD JEWRY, E.C.

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Saccharin OF ALL STRENGTHS

Highest Possible Strength.—550 times sweeter than pure Cane Sugar. This strength is recommended in preference to any other.

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Crystals.—450 times sweeter than pure Cane Sugar.

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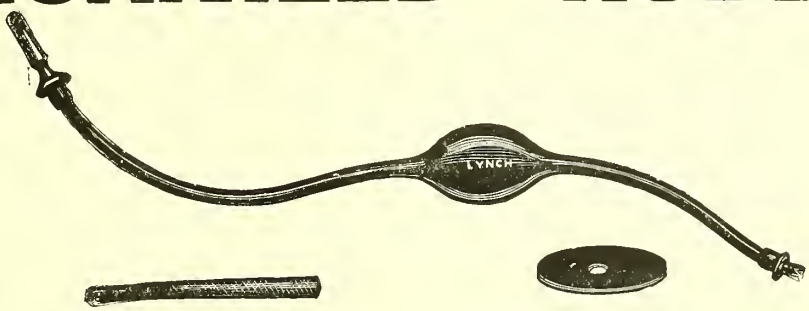

Owing to the demand that still exists for cheap Enemas, we have had one of the Seamless Pattern specially prepared for our trade, made from rubber of good quality and ***vulcanized.*** The advantages of Vulcanized Rubber over all other kinds will be obvious to all who handle these goods, one very important point being that it will not go hard in cold weather.

Black, Highly Polished, with Bone Rectum Tube, Elastic Gum Vaginal Pipe, and Shield, complete, in Oval Card Box,

17s. per dozen net.

Same as above, but in Grey Rubber, complete,

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Copy of Testimonial received from Mr. R. Eaton, Trafford Bar Pharmacy, 625 Stretford Road, Manchester, July 1st, 1898.

Gentlemen,—Your Mr. Reedie has now finished fitting the above Pharmacy, and I thought I would let you know that I am perfectly satisfied with the way he has completed the work. Several Chemist friends have already seen the place, and they are all unanimous in saying that it is the neatest-fitted Pharmacy they have ever seen. The various designs of carving have been especially admired, and I feel sure that the whole of the workmanship could not be improved upon by any Fitter in the trade. I may also add that I consider your charges very moderate.

I am, yours truly, R. EATON.

Messrs. Ayrton & Saunders. From Mr. E. O. Roberts, 423 Stockport Road, Longsight, Manchester.

Gentlemen,—The window enclosures that you have just now completed at my shop give me thorough satisfaction, and I am pleased to testify to the excellence of workmanship, and to the quick manner in which the work was done. I shall be pleased to recommend your firm at any time.

Believe me, yours truly, (Signed) E. O. ROBERTS.

Copy of Testimonial received from Mr. J. A. George, of Sheffield, August 22, 1898.

Gentlemen,—Allow me to express my gratification with the satisfactory manner in which you have fitted up my shop. The materials appear to be of first-class quality, and the workmanship excellent.

Yours truly,
J. A. GEORGE.

Messrs. Ayrton & Saunders, Liverpool.

From George Henry Nichol, 73 St. Paul's Road, Seacombe.

Dear Sirs,—I am very pleased, Gentlemen, to inform you that your fittings, just completed, have given me the greatest possible satisfaction. Their appearance is extremely handsome, and the workmanship is all that could be desired. Price is moderate—in fact, beyond my expectation—and I have no hesitation in saying that I could not have secured a better-fitted shop at the price. If at any time you wish to refer any customers to me you can do so with pleasure, when I will testify to the excellence of your work.

Yours sincerely,
GEO. HENRY NICHOL.

From Louis J. Wells, 26 Tyrrell Street, Bradford.

Dear Sirs,—Your men have just finished fitting-up the rest of the fixtures, and I can only repeat what I said about the window: that I am more than pleased with the way the work has been done and the very quick way it has been done. You have transformed what was an old-fashioned and dowdy shop into an elegant and up-to-date pharmacy.

Yours faithfully,
LOUIS J. WELLS.

From T. W. Smith, The Mabfield Pharmacy, Wilmslow Road, Fallowfield.

Dear Sirs,—Having had your men fitting-up the above premises, I have pleasure in testifying that they are thorough painstaking workmen, and have given me every satisfaction in the whole of their work.

Yours faithfully,
T. W. SMITH.

From Thos. S. H. Briggs, 149 Waterloo Road, Burslem.

Dear Sirs,—The fittings for my shop you have just completed are done in a very satisfactory manner. Should you at any time wish to refer anyone to me I shall be pleased to speak of the work you have done here.

Faithfully yours,
THOS. S. H. BRIGGS.

What the Press says :—

Extract from the *Belfast Evening Telegraph*, September 22, 1898.

"Messrs. Backhouse, Dundalk, have altogether remodelled their dispensing and compounding department until it now stands on a par with anything in the metropolis for comfort and elegance. The renovation of the interior has just been completed by Ayrton & Saunders, Hanover Street, Liverpool. The fixtures are of polished mahogany, set off with elaborate carving, and relieved by elegant mirrors. The ceiling is decorated in lincrusta, and the light is obtained from several large incandescent gas lamps, the mirror and bevelled glass effects showing to great advantage at night. The dispensary screen is a handsome affair, and taken in conjunction with the counter glass show-cases and fancy glass labels on the drug-boxes, creates a pleasing impression. The floor is laid with linoleum over paper, and customers seem to have every comfort provided for them."

WE COULD MENTION MANY MORE, ALL OF WHICH TESTIFY TO THE

ARTISTIC EFFECT, MODERATE CHARGE, AND EXCELLENCE OF OUR WORK.

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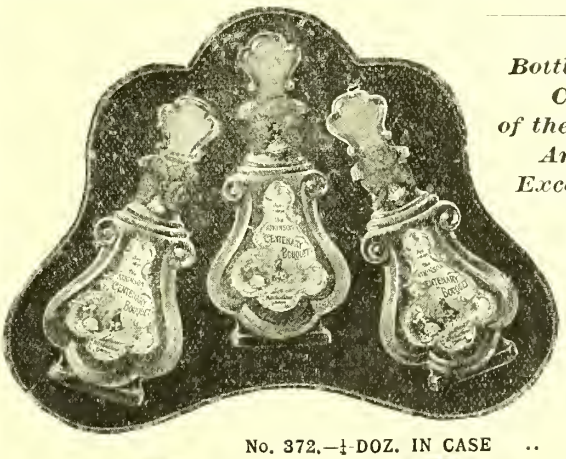

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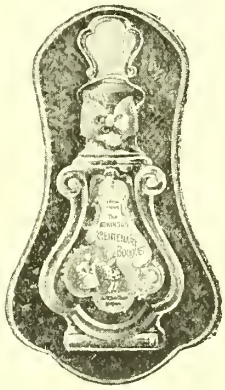

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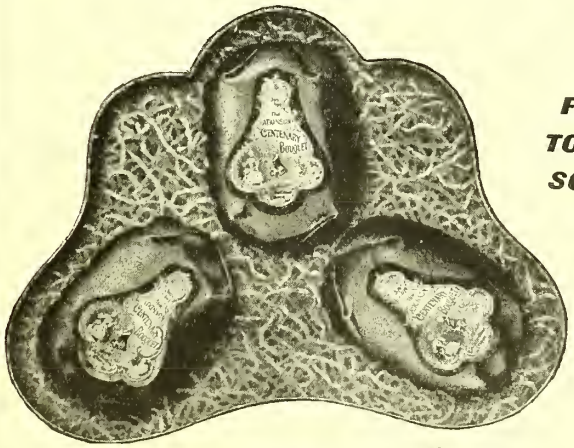

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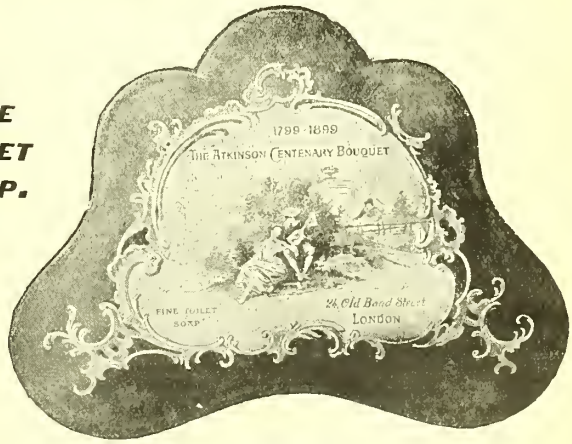

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PHARMACEUTICAL FORMULAS.

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Giving entire satisfaction.

What our Clients say.

We have in our Offices several large files packed with similar flattering Letters to the following—

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GENTS,—Enclosed please find cheque in payment of a/c. I may say I am perfectly satisfied with my Till, and it will be the means of you supplying me with several more.

Yours, &c., S. F.

Chatham, February, 1899.

SIRS,—Enclosed please find P.O. for paper, which please acknowledge. Everything quite satisfactory.

Yours truly, R. H. B.

Hull, January 9, 1899.

SIRS,—Till duly to hand yesterday. I followed out the instructions you gave me, and you will no doubt be pleased to hear that *before I had had the Till in use three hours I caught the person I suspected.* If this is of any use to you, you are quite at liberty to use it, and I shall be pleased to recommend your Tills to anyone who may wish to inquire.

Yours faithfully, J. S.

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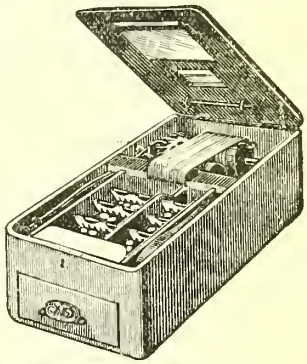

The Chemist and Druggist says:—"Mr. O'Brien claims, we think justly, that his till is as good a one as has yet been produced for the Chemists' trade. The new coin exhibitor is so simple and costs so little that we would commend this form to new purchasers."

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Another Firm says:—"We like your till much better than others. It is so much more substantially made. Send us on another till at once."

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Write for Full Particulars of this

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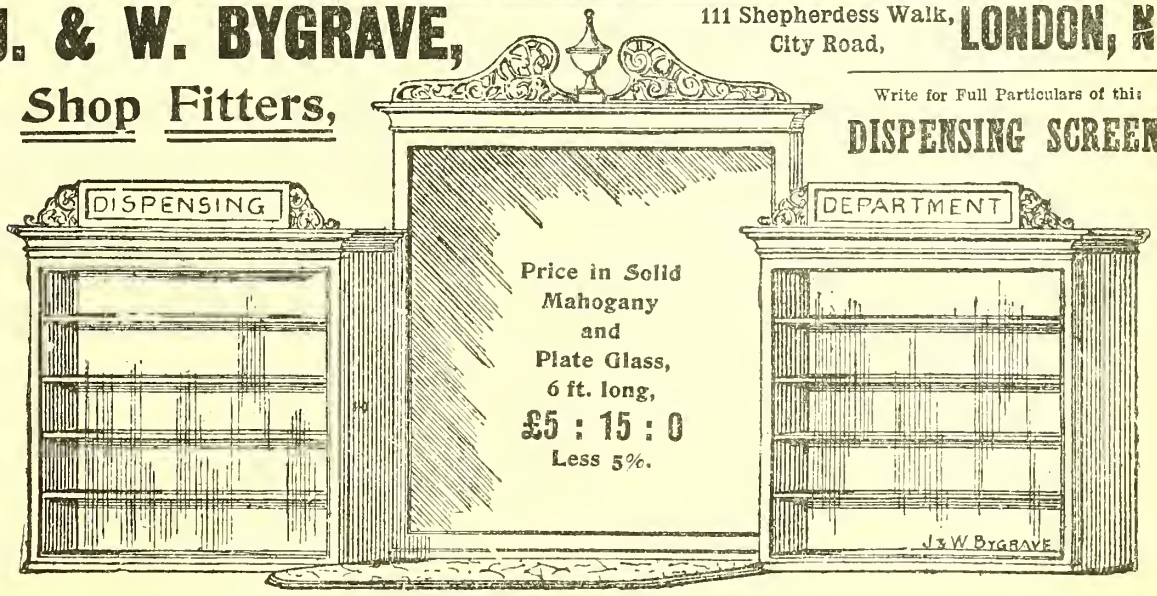

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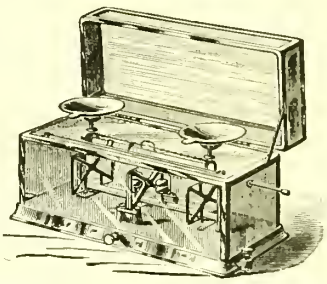

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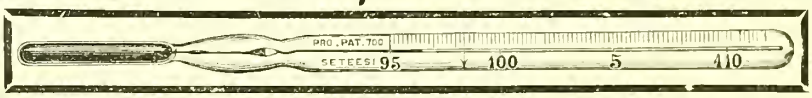

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AWARD OF MERIT, International Sanitary Exhibition, 1881.

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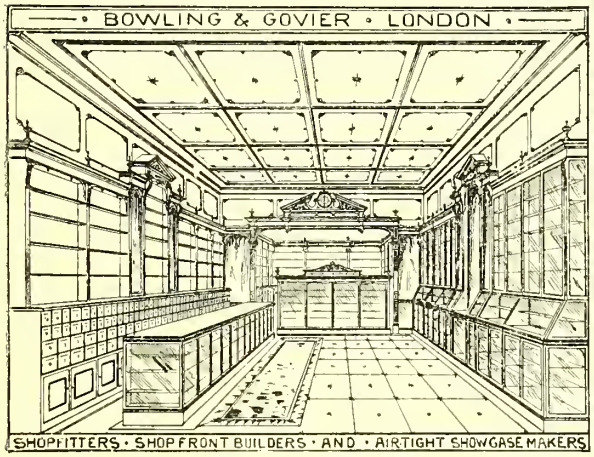

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Will be pleased to send Samples, Prices, and Information on receipt of Three Stamps.

P.S.—Applications for Samples from the Colonies **must be accompanied by 10/6 P.O.O.,** to cover cost of carriage, which will be credited to first order of £5.

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Small Size, Cases of 4 doz., per 4/9 doz.
Large Size, Cases of 2 doz., per 9/- doz.
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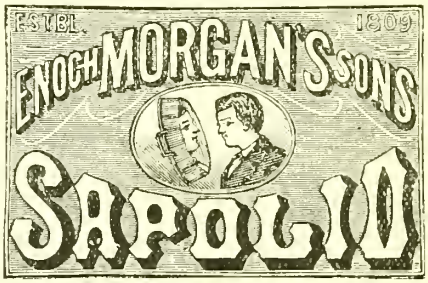
It is ***quadruple*** motion, and has wonderful New Twin Scrapers.

PLEASE WRITE FOR LIST.

PINE TISSUE TOILET PAPER.

BEST VALUE KNOWN.
In Packets of about 500 Sheets.
Per doz. .. 1/9
Parcel of 3 doz. Packets for 5/-

No Chemist need hesitate to put it into stock, as liberal and persistent advertising has been provided for, and the merit of ***SAPOLIO*** is such that every Customer is satisfied with it.



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It will increase your trade, and gain for you a reputation for selling best goods.

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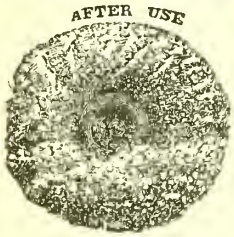

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Manufacturers' discounts guaranteed.

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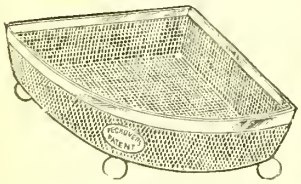

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For the prevention of infectious diseases caused by the stopping-up of kitchen sinks and waste-pipes. Triangular, oblong, circular, or semi-circular in shape.

Made in Japanned Wire, Tinned Wire, and Enamelled (Brown) Copper Wire.

Manufacturers' prices guaranteed.

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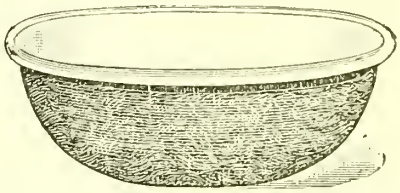

Finding a great demand for an oval Tub of a larger size, we are now making the above (No. 2) size, 19 × 16 × 6.

Per doz. 30/-
No. 1, 16 inches, per doz. 21/-

THE PATENT MASTICATOR.

SIXTEEN BLADES IN ONE.

Retail ... ... 5/- each.
Trade price ... ... 30/- doz.

Invaluable to the aged, young children, and all suffering from weak digestion.

EASLEY'S LEMON SQUEEZERS.

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Neatly packed in sub-divided boxes of 1 dozen.
Special price for quantity.

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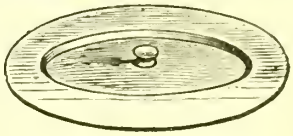

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Woolley, J., Sons & Co., Lim.

ESSENTIAL OILS
Allen, S., & Sons
Barnett & Foster
Bush, W. J., & Co.
Essential Oil Importers and Exporters, Lim
Evans, Sons & Co.
Jeancard, Gazan & Doumin
London Essence Co.
May & Baker, Lim.
Poppelreuter, W.
Ransom, Wm., & Sons
Sanitas Co., Lim.
Sosio & Andrioli
Spurway & Cie.
Stevenson, H. E., & Co.
Stevenson & Howell
Treatt, R. C. | Warrick Bros.
Wilkinson & Simpson, Lim.
Wright, Layman & Umney

ETHER
Duncan, Flockhart & Co.
Howards & Sons
Macfarlan, J. F., & Co.
May & Baker, Lim.
Tyrer, T., & Co.
White, A., & Sons
Wright, Layman & Umney

EUCALYPTUS OIL
Drysdale, J. W., & Co.
Sanitas Co., Lim.
Sharland & Co.
Tasmanian Eucalyptus Oil Co.

EXTRACT MEAT
Armour & Co. | Brand & Co.
Beaufoy & Co.
Liebig Co.

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Allen & Hanburys
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Bleasdale & Co., Lim.
Burgoyne, Burbidges & Co.
Evans, Sons & Co.
Fletcher, Fletcher & Co.
Hearon, Squire & Francis
Lloyd, T. Howard, & Co.
Parke, Davis & Co.
Potter & Clarke
Ransom, W., & Son
Wilkinson & Simpson, Lim.
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Ransom, W., & Son

EXTRACTS, VEGTBLE.
Fromms Extract Co.

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Hovenden & Sons
Kilner Bros.
Lynch & Co., Lim.
Marriott, E., & Co.
Maw, S., Son & Thompson
May, Roberts & Co.
Youldon, E.

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Berkfeld Filter Co., Lim.
Mawson Filter Co.

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Alabastine Co. (British), Lim.
Chameleon Patents Mfg Co.
Ford, Shapland & Co.
Marshalls, Lim.
Mather, W., Lim.
Newbery, F., & Son
Smith, J. H., & Co.
Strong, Christy
Tunbridge & Wright

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Beanes, E., & Co.
Benger's Food
Bleasdale & Co., Lim.
Bovril, Lim. | Brand & Co.
Burgoyne, Burbidges & Co.
Coomb's Flour Co., Lim.
Frame Food Co.
Fromms Extract Co.
Goodall, Backhouse & Co.
Hearon, Squire & Francis
Liebig Co.
Mellin's Food
Milk Wine Co., Lim.
Nestlé, H.
Savory & Moore
Vi-Cocoa (Dr. Tibbles')

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Sharon Chemical Co., Lim.

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Barclay & Sons, Lim.
Brauer, A.

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Fink & Co.
Haller, G., & Co.
Price's Candle Co., Lim.

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Evans, Gadd & Co.
Evans, Sons & Co.
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Lloyd, T. Howard, & Co.
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Ashton & Parsons
Epps, J., & Co.
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Watson & Wates

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Fellows
Fletcher, Fletcher & Co
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Liverpool Lint Co.
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Evans, Sons & Co. (Savarini)
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Pindar, J. W.
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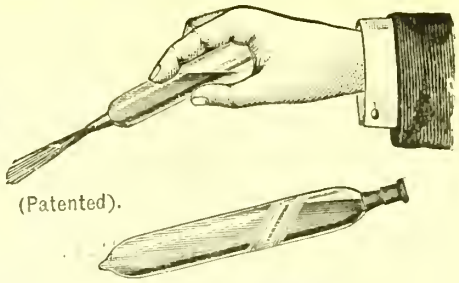

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See references in the Winter Number of THE CHEMIST AND DRUGGIST, January 28th, to the Editorial Notices in
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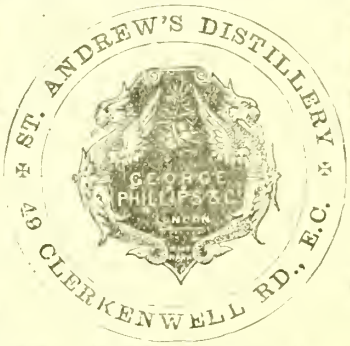
B.P. 1898 AT LOWEST PRICES

PURE ORANGE WINE.



S V M 0/61 0/64

AT LOWEST PRICES.
Special Terms to Large Buyers.

PURE GINGER WINE.

FOREIGN WINE AND SPIRIT MERCHANTS.
SOLE PROPRIETORS OF THE FAMOUS "GLENALLAN" PURE MALT WHISKY.
7 YEARS OLD. THE CREAM OF SCOTCH WHISKY. Per doz. 42/- Per doz.

"LAIT Larola" Regd

A Delightful SKIN TONIC as well as an EMOLLIENT.

COOLING and REFRESHING.

BEST WHOLESALE TERMS direct to the RETAIL TRADE.

BEETHAM'S	Retail. s.	Retail. d.	Per Doz. s.	Per Doz. d.
LAIT LAROLA		6	5	0
" "	1	0	10	0
" "	1	9	18	0
" "	2	6	25	0
" LAROLA TOILET POWDER	1	0	10	0
" " "	2	6	25	0
LAROLA ROSE BLOOM	1	0	10	0
" " "	1	6	15	0
" " "	2	6	25	0
" LAROLA TOILET SOAP (3 Cakes in Box)	1	6	15	0
" LAROLA DENTIFRICE	1	0	10	0
" "	2	6	25	0

For £2 Lots, 20 per cent. discount CASH, on receipt of Invoice.

CARRIAGE NOT PAID.

BEETHAM'S NEW TOILET MILK

IS AN **IMPROVED PREPARATION** — of their Celebrated —

GLYCERINE AND CUCUMBER.

IT HAS NO EQUAL FOR KEEPING

THE SKIN SOFT, SMOOTH AND WHITE,

AT ALL SEASONS, AND REMOVES AND PREVENTS ALL ROUGHNESS, REDNESS, TAN, CHAPS, IRRITATION, ETC.

N.B.—BEETHAM'S GLYCERINE and CUCUMBER is still supplied as usual.

M. BEETHAM & SONS, Chemists, CHELTENHAM.

CHOICELY SCENTED LEATHER.

FRAGRANCE RETAINED INDEFINITELY.

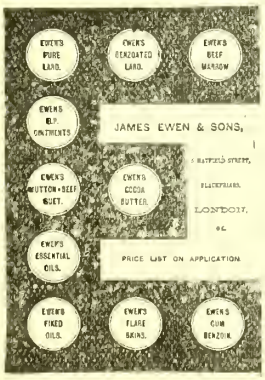
54/- Per Gross.

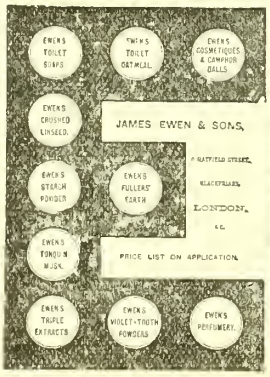
FROM ALL WHOLESALE HOUSES.

REFUSE IMITATIONS.

THE ME MOSA CO.

158 NEW BOND STREET.





Makes the Skin Soft and Delicate.

HYDROXENE SOAP

Invaluable for the Nursery and Toilet.

HYDROXENE CO., Old Stratford, STONY STRATFORD.

BRECKNELL'S SKIN SOAP.

PRIZE MEDAL.

Recommended by Eminent Medical Men.

Unscented, yet Sweet as a Rose.

Although low in price, it ranks with high-class soaps, and is altogether the best extant for producing a Clear and Healthy Skin.

The longer it is kept the more it improves and increases in value.

LIBERAL TERMS TO THE TRADE.

BRECKNELL, TURNER & SONS, LIMITED,

To Her Majesty, &c., &c.

31 HAYMARKET, LONDON.

ESTABLISHED 1862.

S. Sainsbury's

Established over Half a Century.

Apply direct for New Terms

WITH SECURED PROFITS

on orders of £1 and upwards.

PLEASE NOTE

CHANGE OF ADDRESS,

136 REGENT STREET, W.

Lavender Water

Late of

176 & 177 STRAND, LONDON, W.C.

D. & W. GIBBS, Ld.

CITY SOAP WORKS,

LONDON.

Offices and Showrooms:

16 FINSBURY CIRCUS.

D G W

Trade Mark. Registered.

THE ORIGINAL SUPERFATTED AND FAMOUS

COLD CREAM SOAP

"Otto,"

"Toilet,"

"Medicated."

COLD CREAM SHAVING SOAP.

Messrs. GIBBS have herein succeeded in giving their customers a Shaving Soap which is far ahead of anything yet produced.

HERBAL SOAP TABLET.

A new Soap containing sweetening and purifying Extract of Herbs.

Sample Tablets forwarded on receipt of stamps to cover postage.

SALVO PETROLIA

A SUPERIOR VASELINE.

May be procured through all Chemists and Druggists, and is Manufactured solely by the Proprietors,

THE DEE OIL COMPANY,

LIMITED.

Works: SALTNEY, CHESTER.

SALVO PETROLIA

Sanctioned by the Board of Trade Marine Department, and included in their instructions issued May, 1894, to superintendents of Mercantile Marine Offices.

Manufactured in five distinct qualities—WHITE, LEMON, YELLOW, GOLDEN, and RED (Veterinary).

Packed in tins 1, 2, 4, 5, 7, 10, 14, and 28 lbs., 56 and 112 lb. Drums, and 3 cwt. Barrels.

OLEUM DEELINÆ

(REGISTERED).

GENERALLY ADOPTED BY THE MEDICAL PROFESSION FOR

Ophthalmia, Scurvy, Ringworm, Eczema, and all Skin Diseases.

Packed in Cases—One dozen 1*s.* Bottles; One dozen 2*s.* Bottles. Pint Bottles 4*s.* 6*d.* each for Hospitals and Dispensing Chemists. Testimonials may be had upon application

FRANCIS NEWBERY & SONS

DRUGGISTS' SUNDRIESMEN,

1 & 3 KING EDWARD STREET, LONDON, E.C.

NEW STAINED DRESSING COMBS

CARDED.

				s.	*d.*
Small.	Assorted colours.	Per 6 combs	... ...	2	3
	1/- do. large	" "	... ...	4	3
	1/- do. rakes	" "	... ...	4	0

Above Combs are very superior, and sell well at sight.

NEW 1/6 BRONCHITIS KETTLES,

Per dozen, 10/-.

ST. PAUL'S PERFUMES

"VIOLET SERIES."

Riviera, Russian, Parma, White. } Each bottle with appropriate flower.

Packed 1 doz. of each in neat boxes ... per dozen, 2/-

Chemists who have not yet seen this series are invited to order 1 dozen of each as a trial, and we doubt not that a repeat order for 1 gross assorted will follow very quickly.

Proprietors:

F. NEWBERY & SONS.

SOZIO & ANDRIOLI

Estd. 1757. ***GRASSE.***

MANUFACTURERS OF

RAW MATERIALS

For Perfumers and Soapmakers,

VIZ.:

ESSENTIAL OILS,

FLORAL WATERS,

CONCRETE ESSENCES,

POMADES,

PERFUMED OILS.

STOCK IN LONDON.

For Samples and Prices apply to the

SOLE WHOLESALE AGENT AND CONSIGNEE—

FRED^K. BOEHM,

16 Jewry Street,

LONDON, E.C.

WHOLESALE TRADE ONLY.

STAFFORD ALLEN & SONS, LIMITED

(Established 1833),

DRUG MILLERS, OIL PRESSERS,

—AND—

DISTILLERS OF ESSENTIAL OILS,

7 Cowper St., Finsbury, London.

Highest Awards, Chicago, 1893,
FOR
ESSENTIAL AND EXPRESSED OILS
of EXCEPTIONAL Purity and
Strength.

EXPRESSED OILS

ALMOND (Ol. Amygd. Dulc.) PEACH KERNEL (Ol. Amygd. Persic. Dulc.)
Frequently Imported as Ol. Amygd. Exot.
CROTON.

ESSENTIAL OILS

ALMOND
CARDAMOM
CORIANDER
JUNIPER
PEPPER
ANISEED
CELERY
CUBEB
NUTMEG
PIMENTO
BUCHU
CINNAMON
CUMMIN
ORRIS ROOT
CARAWAY
CLOVE
DILL
PEACH KERNEL

SANDAL WOOD

AND OTHERS.

GEORGE ALLEN & CO.

(ESTABLISHED 1846),

AMPTHILL, BEDFORDSHIRE, ENGLAND,

MANUFACTURING CHEMISTS,

Medicinal Herb Growers, Distillers, Manufacturers of

SOLID AND FLUID EXTRACTS, JUICES, &c.

London Agents—STAFFORD ALLEN & SONS, LIMITED.

Mülhens' Rhine Violets

Are recognised by all Connoisseurs to be the finest and truest to nature.

Retail at 3/-, 3/6, 5/6, 9/-, and 20/-

RHINE VIOLET SOAP,

2/6 per tablet.

RHINE VIOLET SACHETS,

2/6 each.

Of Equal Strength and Quality are

Mülhens' Marshal Niel.
Mülhens' Rhine Gold.
Mülhens' Malmaison.

The 4711 Cologne is used in the highest circles all over the world, and there is no other brand to equal it.

Sold in 1/- and 2/- Bottles.

ALSO IN—
½ Pint Wicker,
1 Pint Wicker,
1 Quart Wicker,
and in
¼, ½, and 1 Litre
Glass-stoppered
Bottles.

MULHENS' 4711 COLOGNE SOAP

RETAILS AT

1/- per Tablet.

No 4711 Eau de Cologne

Duty Paid and Bond Prices on application to R. J. REUTER, 62 New Bond St., London, W.

40%

PROFIT

CURTISS'S SPANISH JULEP

A Wonderful Preparation for Washing the Hair, curing Scurf and Dandriff. Advertised at 1/6, *at which price we wish it sold by Retailers.* It will pay all Chemists to push it, as once used it is always used, and they will constantly get repeat orders.

PRESS OPINIONS:

The Lady's Pictorial says:—"Nothing is more important in matters of the toilet than the care of the hair, and we can recommend our readers with confidence to use an excellent preparation called Curtiss's Spanish Julep. It is a pleasantly fragrant hair wash of most cleansing properties, and it also promotes the growth of the hair as well as making it beautifully glossy. It is very simple in application, and inexpensive, a small quantity being mixed with warm water for shampooing purposes. Cleanly and agreeable in use, as well as in its effects, Spanish Julep is a welcome addition to the equipment of our dressing-rooms, and Messrs. Curtiss should find it widely appreciated by ladies who are anxious to keep their hair in healthy and beautiful condition, as it promotes the growth as well as improving its appearance."

The Lady's Companion says:—"One of the best dressings for the hair I have ever come across. Some time ago I tried this Julep, and was delighted with the rapidity with which my head was cleansed, the hair being rendered soft and glossy. . . . . I feel sure it will supersede all other preparations of the kind."

Our Home says:—"Gives a delightfully refreshing feeling. . . . . We recommend our readers to send for a bottle, feeling sure that they will be quite gratified with the results."

The Lady's World says:—"Guaranteed both to cleanse the scalp and render the hair soft and silky."

Price 12/6 per doz., from the following—

BARCLAY & SONS, Ltd., London.
MAY, ROBERTS & CO., London.
EDWARDS & SON, London.
SANGER & SON, London.
SUTTON & CO., London.
NEWBERY & SON, London.
WOOLLEY, SONS & CO., Limited, Manchester.
EVANS, SONS & CO., Liverpool.

Small but Attractive Show Cards and Handbills sent Free on Application to

CURTISS & CO., EPSOM.

EDWARDS' *HARLENE* FOR THE HAIR.

PRICE LIST.

No. **1** size—Retail, **1/-** ... Wholesale, **11/-** per dozen.
„ **2** „ „ **2/6** ... „ **27/3** „
„ **3** „ „ **4/6** ... „ **47/-** „

Full Discount of **20** per cent. off Trade Prices to all buyers of **£5** and upwards.

TERMS—MONTHLY ACCOUNTS, PROMPT.

SPECIAL.
Full Discount of 20 per cent. off Trade Prices to all Buyers of £2 (net), Cash with order.
CARRIAGE PAID.

CARRIAGE PAID ON ALL GOODS TO ANY PART OF THE BRITISH ISLES

CARRIAGE PAID ON ALL GOODS TO ANY PART OF THE BRITISH ISLES

EDWARDS' *"LILINE"* SOAP.

FOR THE SKIN & COMPLEXION.

Delicately perfumed, and guaranteed absolutely pure and free from all injurious chemicals.

PRICE LIST.

Retail, **6**d. per Tablet (or 1/6 per box of 3 Tablets). Wholesale, **50/-** per Gross.

SUBJECT TO USUAL TERMS.

N.B.—**£2** (net) Cash Parcels may be made up of "HARLENE" and "LILINE" Soap.

EDWARDS' "HARLENE" CO., 95 & 96 High Holborn, LONDON.

BUY YOUR SPONGES FROM THE DIRECT IMPORTERS.

SPONGES SPONGES

Of Every Description always on hand.

I. & M. COHEN,

SPONGE MERCHANTS, IMPORTERS, & EXPORTERS,

Contractors to the War Office and Admiralty, Railways, Steamship Companies, &c.,

53 & 54 HOUNDSDITCH, & 66 ST. MARY AXE, LONDON, E.C.

Telegraphic Address: "DAQUEZ LONDON."

"OLLAPEARL" DENTIFRICE.

In novel and ingeniously constructed Box, preventing waste or mess.

Perfumed and Carbolic, 6d. and 1/-. Bonus with First Order. Further particulars from

THE OLLAPEARL CO., 351 OXFORD ST., LONDON. W.

"Odontine"

(As prescribed by G. GRAHAM FORSTER, D.D.S., L.D.S., &c., London. *Surgeon Dentist to the Blind College for the Sons of Gentlemen, Worcester, &c.*)

Is the only perfect Dentifrice to Whiten and Preserve the human Teeth. It is efficient and fragrant, and prevents the formation of Tartar. Retail price, ONE SHILLING.

THE CHLORINE MOUTH WASH

Is most efficient and fragrant. It Purifies and Refreshes the Mouth, Preserves the Teeth, Strengthens the Gums, and prevents them receding from the Teeth. Price 1s.

Prescribed by GRAHAM FORSTER, Esq., *Surgeon-Dentist to the Invalid Home, Stoke Newington, &c.*

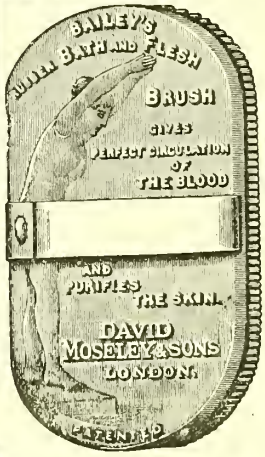
Obtainable at any Wholesale House, or of the Manufacturer—

G. GRAHAM FORSTER, D.D.S., L.D.S., R.C.S., Eng.,

DENTAL SURGEON,

Boyne House, 18 Highbury Place (*near Highbury Station*), London, N.

BAILEY'S PATENT RUBBER BRUSHES



Should be stocked by every Chemist and Dealer in Toilet Goods.

They are extensively advertised, have a ready sale, and show you a good profit.

			Retail at
Bailey's Rubber Bath Brushes	... ...	42/- doz. ...	5/- each
" " Complexion	... ...	25/- " ...	3/6 "
" " Toilet (large)	... ...	17/- " ...	2/- "
" " " (small)	... ...	8/- " ...	1/- "
" " Tooth, No. 1	... ...	6/- " ...	10*d.* "
" " " " 2	... ...	6/6 " ...	1/- "
" " Glove Cleaner	... ...	4/6 " ...	6*d.* "

TO BE OBTAINED FROM ALL THE USUAL WHOLESALE HOUSES.

WHOLESALE ONLY from

D. MOSELEY & SONS, 14 Aldermanbury Avenue, LONDON;

ARDWICK, MANCHESTER; and 57 MILLER ST., GLASGOW.

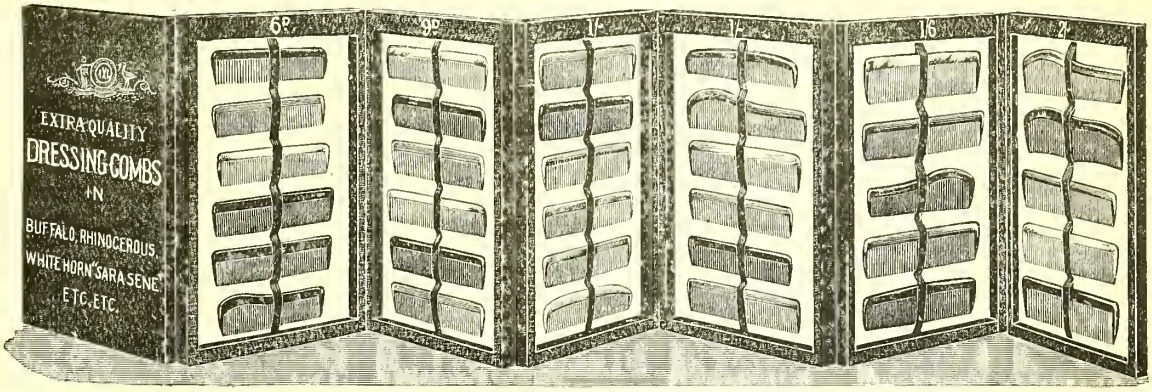
READY!

Our new showroom is now stocked with a full assortment of New Goods, including all ***the Latest Novelties*** suitable for the trade. We invite inspection. A visit will repay you. Come early.

Remember, "The Early Bird Catches the Worm."

F. SCHUTZE & CO., 89 Southwark St., LONDON, S.E.

FOLDING COMB CASE.

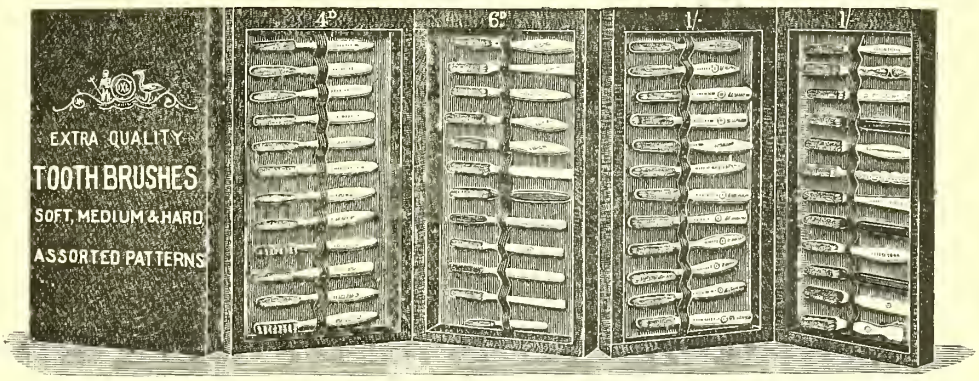


Folds up like a Book, occupying only a very small space. Easily placed on a Shelf, and yet when open displays 3 doz. Combs in different styles and patterns.

Price of Case only, 7/6; but, as this is below cost, the Case is not supplied empty, but only with ½ doz. 6*d*. Combs at 4/-, ½ doz. 9*d*. at 6/-, 1 doz. 1/- at 8/-, ½ doz. 1/6 at 12/-, ½ doz. 2/- at 16/- per doz., making a total cost, including case, of **34/6.**

We have had so many orders for above Comb Case from all parts of the world, and so many flattering reports from our friends at home who have had time to communicate with us, that we have been tempted to put a companion case for Tooth Brushes on the market.

TOOTH BRUSH CASE.



The Tooth Brush Case contains 1 doz. 4*d*. Tooth Brushes at 2/6, 1 doz. 6*d*. at 4/-, 1 doz. 1/- "Challenge" (assorted patterns) at 6/-, and 1 doz. 1/- Brushes (assorted, Badger Hair, Ivory, Goat Hair, &c., &c.) at 7/6. This, with the cost of the case itself (7/6), makes a total of **27/6.**

We strongly recommend this Case to the attention of our friends, and are perfectly willing to send either or both *on approval.*

Ayrton & Saunders,

LIVERPOOL.

Idris Royal Table Waters.

9 GOLD MEDALS.

Sample Case Free to Chemists.

IDRIS & Co., Ltd.

Purveyors to The Queen,

LONDON, LIVERPOOL, & SOUTHAMPTON.

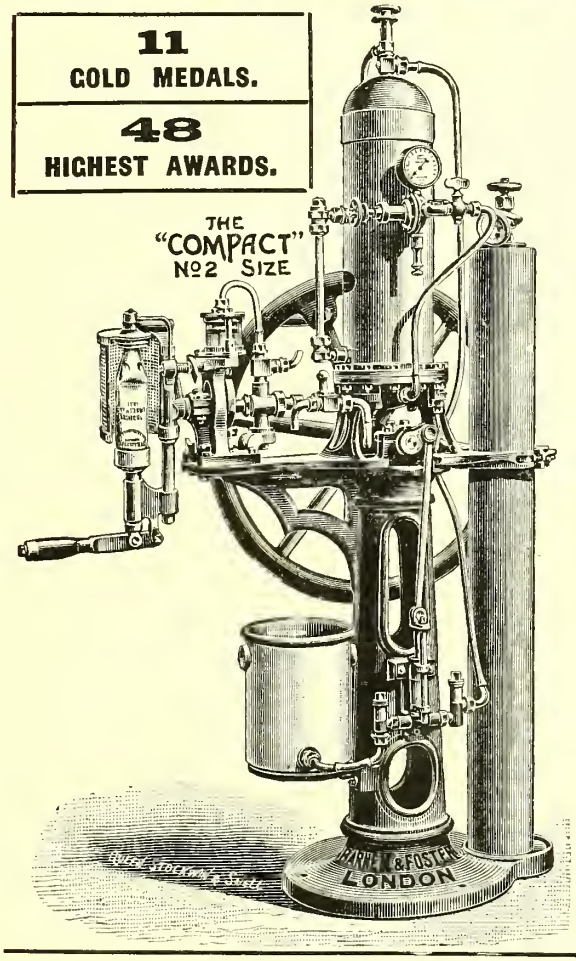
BARNETT & FOSTER

MANUFACTURERS OF THE

"Compact" Soda Water Machine

11 GOLD MEDALS.

48 HIGHEST AWARDS.



For use with Liquefied Carbonic Acid Gas.

Specially designed where space is an object, such as with Chemists, Hospitals, &c., &c.

READY FOR IMMEDIATE WORK.
REQUIRES NO FIXING.

Waters always of regular quality.

Produces Waters far superior to any other Machine for a similar purpose.

NO MESS. NO DANGER.

Used by the LEADING CHEMISTS of the Kingdom.

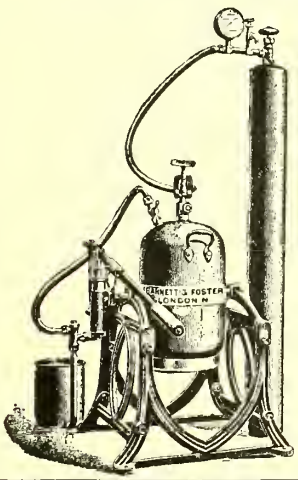
No. 1 Size.—(Producing by hand power 600 doz. large bottles per day, by steam power 1,200 doz. large bottles per day), including fast and loose pulleys for power, and fitted with our "Galway" Syphon Filler without syrup-pump **£57**

" Do. do. also Ideal Turnover Filling Machine for ball-stoppered bottles **£60**

No. 2 Size.—(Producing by hand power 350 doz. per day, by steam power 700 doz. per day), fitted with "Galway" Syphon Filler without syrup-pump **£45**

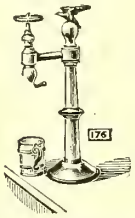
" Do. do. also Ideal Turnover Filling Machine **£48**

No. 3 Size.—(Producing by hand power 200 doz. per day), including "Galway" Syphon Filling Machine without syrup-pump, or Ideal Turnover Filling Machine ... **£33**



THE "CYLINDER" SODA WATER PLANT.

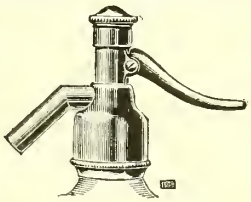
This is a cheap apparatus for use with Compressed Carbonic Acid Gas for serving Soda Water on the counter by means of the draught arm.



Prices from **£15** Complete.

THE "LONDON-MADE" SYPHON.

Pattern "A."



Pattern "C."

BEST BOHEMIAN CRYSTAL VASES.

Pure Tin Tops.

No admixture of Lead in any part of Syphon.

Tops Stamped Free on orders of 100
Vases Engraved " " 1,000

PRICE 18/- PER DOZEN.

Proportionate advance for larger sizes.

Pattern "C" Long Lever Syphons, **19/-** per dozen.

Carriage Paid quotations upon receipt of specification.

Illustrated Descriptive Catalogue of every requirement for the Mineral Water Trade on application.

NIAGARA WORKS, 26T EAGLE WHARF ROAD, LONDON, N.

OREZZA.

This remarkably fine Tonic Mineral Water issues from a spring 1,968 feet above sea level at Orezza, in the Island of Corsica, is bottled at the spring, and is certified to be absolutely free from microbes.

It was known and used in France during the last century, but came prominently under the notice of the Medical Profession in that country in the year 1853 through a report published by the Academy of Medicine of Paris of an analysis by Dr. Poggiale, a renowned Professor of Chemistry, confirmed by Mons. Ossian Henri and by numerous physicians and chemists.

Since then the water has been extensively used in France and her Colonies and in Egypt and South America, as well as in Spain and other European countries, and is considered to be the best of all Mineral Waters in cases of Anæmia, Chlorosis, Leucorrhœa, and all diseases arising from impoverishment of the blood, and has been found of the utmost value in Gastralgia, Dyspepsia, and affections of the Liver and Spleen caused by residence in tropical climates, and in Debility after long illness, and in Intermittent Fever.

It is certified to contain :—

IRON, Carbonate and Protoxide.	**MAGNESIUM, Carbonate.**	**POTASSIUM, Chloride.**
SODIUM, Carbonate.	**CALCIUM, Carbonate.**	**SODIUM, Chloride.**

With traces of Manganese and Arsenious Acid, and has sufficient "free" Carbonic Acid to cause it to effervesce on being poured into a tumbler.

It is the most palatable and digestible of all strong ferruginous waters, and with the addition of a little Lime Juice or Lemon Syrup makes a pleasant table beverage.

Wholesale Orders to be sent to the Importers—

MARK WHITWILL, SON & JUDGE,

6 ST. HELEN'S PLACE, LONDON.

THE BERKEFELD FILTER.

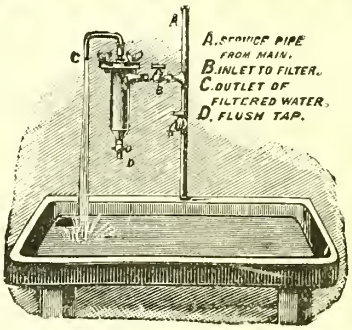
In the Berkefeld Filter the filtering medium is in the form of hollow cylinders or candles of various sizes, made of Kieselguhr, a substance which, on account of its enormous porosity, consisting, as it does, of the silicious skeletons of diatoms, is an ideal filtering medium.

The advantages claimed for the Berkefeld Filters are:—

1.—They are simple in construction, and can be easily cleaned and sterilised.

2.—The filtrate is absolutely free from any suspended matter and from germs, provided proper attention is paid to regular cleaning and sterilising.

3.—They give an output of sterile filtrate from 5 to 10 times larger than any other germ-proof filter.



FILTER H (as sketch) to attach to service-pipe ...	£2	2	0
Smaller size ...	1	10	0
Glass Table Filters from ...	0	8	9

Extract from the Special Report to the "British Medical Journal" on "The Relative Efficiency of Water Filters," by Drs. Sims Woodhead and Cartwright Wood.

"Experiments were carried out with the Filter H, an exceedingly good model, which seems to subserve the functions of a filter better than any we have yet seen described. . . . The output is so large, that there is no reason why such filters should not supply sufficient water for all household requirements."

"We must accordingly conclude from the extensive series of experiments carried out with these Berkefeld Filters that they afford complete protection against the communication of water-borne disease."

Chemists will find these Filters a profitable line, and one they can confidently recommend to their customers.

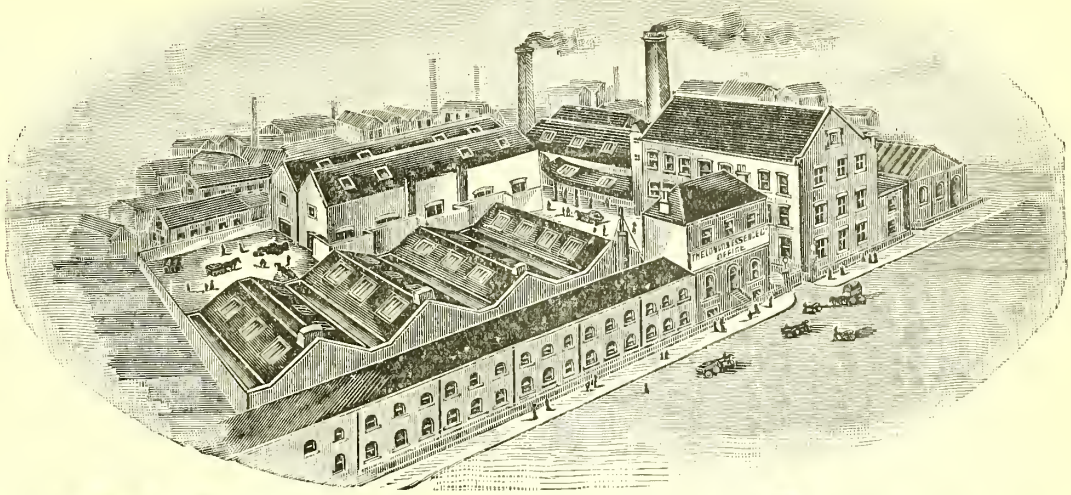
Counter Filters specially adapted for Chemists doing a trade in Saline and Summer Drinks.

NO MINERAL WATER PLANT COMPLETE WITHOUT A BERKEFELD FILTER.

FULL ILLUSTRATED LIST AND TRADE TERMS ON APPLICATION.

CORRESPONDENCE AND VISIT TO SHOWROOMS INVITED.

THE BERKEFELD FILTER CO., LIMITED, 121 OXFORD STREET, LONDON, W.



The London Essence Co.

WHOLESALE DRUGGISTS

REQUIRING

ESSENCES, PERFUMES, TINCTURES, ESSENTIAL OILS, &c.

Should write us for Special Terms before buying elsewhere.

GEORGE ST., CAMBERWELL GREEN, S.E.

Telegrams—"VANILLIN LONDON." Telephone 810 HOP.

HIGHEST AWARD AT THE INTERNATIONAL EXHIBITION, LONDON, 1885
TRADE MARK, Registered May 21st, 1867.

MILD DRINKS. Cherry. Raspberry. Strawberry. Lime Fruit. Black Currant. Lemon. Orange. Lemon Squash, &c.

THE PIONEER TEMPERANCE BEVERAGES.—Ch. Eng. Temp. Chron.

TRADE W.B. MARK

BECKETT'S FRUIT SYRUPS & CORDIALS

TRADE W.B. MARK

HOT DRINKS. Winterine. Gingerette. Ginger Lemon. Peppermint. Clove. Elderberry. Cherry Punch, &c.

"First-class beverages."—*The Grocer.*
"Have an established reputation."—*Nonconformist.*
"Delicious beverages."—*Scottish Good Templar.*
"Beckett's Fruit Syrups are not to be excelled."—*Anti-Adulteration Review.*
"Exceedingly pleasant."—*The Rock.*
"Invigorating and refreshing."—*Manchester Courier.*

Price Lists and other information sent post free on application to the Manufacturers—W. BECKETT, SONS & CO., Heywood, Manchester.
Wholesale and Export Agents—BARCLAY & SONS (LIM.), 95 Farringdon Street, E.C.; W. EDWARDS & SON, 157 Queen Victoria Street, E.C.; J. SANGER & SONS, 2 Winsley Street, Oxford Street; J. WOOLLEY, SONS & CO., Manchester. District Agents wanted.

A. MILLAR & CO., LTD., DUBLIN

PURE ORANGE WINE

(VINUM AURANTII, B.P.), prepared in strict accordance with the Formula of the British Pharmacopœia.

RED CROSS BRAND

BURROUGH'S "RED CROSS BRAND"

COCA WINE.

WRITE FOR PRICES AND SAMPLES.

Dr. A. B. GRIFFITHS says, "Second to none in the market."—*Aug.* 24, 1896.

GALE STREET DISTILLERY
CHELSEA,
LONDON, S.W.

Also S.V.R. & S.V.M.
At Lowest Prices. [3]

THOS. GUEST & CO.

Carruthers Street, MANCHESTER.

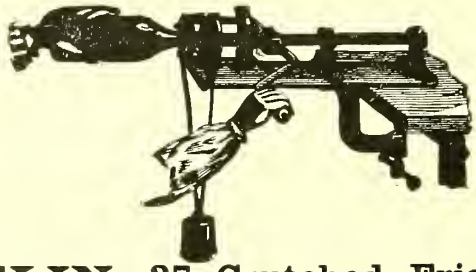
MAKERS OF MEDICATED LOZENGES AND JUJUBES.

B.P., T.H. Ph., and General Proprietary Lozenges. Decorated Tin Cartons of 2 and 4 lbs. Linseed, Licorice and Chlorodyne—a Speciality. Finest Gum Jujubes and Pastilles—Glycerine and Black Currant, &c. Granular and all Effervescing Preparations. Boiled Sugars, Floral Tablets.

SEND FOR LIST, SAMPLES, AND COMPARE.
TELEPHONE 235. TELEGRAMS "GUESTO."

NEW CAPSULING MACHINE

The only Machine which leaves no crease or pleat on the Capsule.

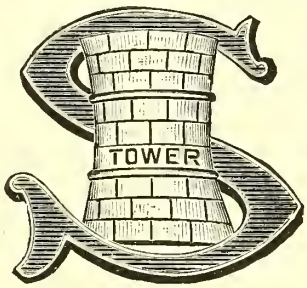


Can be fixed to any Counter.
A single pull of the lever is sufficient to fix the Capsule.

Patentee—C. MELIN, 37 Crutched Friars, LONDON, E.C.

STOWER'S LIME JUICE

See that each Bottle bears the
REGISTERED TRADE MARK,
and also the Signature (in Red) of the
SOLE MANUFACTURERS.



Alex Riddle & Co

SOME REASONS FOR STOCKING.

It is the ORIGINAL.
It is absolutely PURE.
It is attractively PUT UP.
It is largely ADVERTISED.
It is in great DEMAND.
It is supplied to HER MAJESTY.
It is exclusively recommended by the MEDICAL PROFESSION.
It is supplied to all the principal HOSPITALS.
It takes up no time to Sell.
It leaves a Fair Profit.

FREE TASTING SAMPLES AND COUNTER BOTTLES,
Handsome Show Cards, Attractive Bills,
and other Advertising material liberally and freely supplied to the Trade.

Sole Manufacturers and Proprietors,

ALEXANDER RIDDLE & CO., 36 & 38 COMMERCIAL ST., LONDON, E.

Evans' Saline.

The peculiarity of this Saline is that the Chlorate of Potash, in the proportion of about 2 per cent., is in a state of minute subdivision, with, at the same time, a slight excess of Tartaric Acid. The latter gives a pleasant sharpness to the effervescing draught, whilst the former seems to have almost a "specific" effect in bilious headache.

In Bottles, with Chemist's Name printed free. New Artistic Labels now ready for 1899.
Prices and Sample Labels on application.

Evans, Lescher & Webb, LONDON. Evans, Sons & Co. LIVERPOOL.

EVANS AND SONS (LIM.)
MONTREAL.

BOWERS BROTHERS,

The Chemists' Effective Printers and Advertisement Designers,

Invite Correspondence.

NOVEL DESIGNS, GOOD WORK, LOW PRICES.

10,000 Handbills 17/6 9 × 5½
10,000 „ 11/- 7½ × 5

ALL OTHERS EQUALLY LOW.

FULL VALUE IN ALL LINES.

Send for Estimates before ordering elsewhere.

ABSOLUTELY PURE LIGHT

Carbonate of Magnesia

IN FINE POWDER,

For Technical Purposes, Boiler and Steam-pipe Covering,
Printing Ink and Dynamite Manufacturing, &c.

APPLY FOR PARTICULARS TO

SCHOELLKOPF, HARTFORD & MACLAGAN, LTD.,
100 William St., NEW YORK, U.S.A.,

SELLING AGENTS FOR

THE AMERICAN MAGNESIA COMPANY.

BEAUFOY'S
ACETIC ACID

30 per cent., 33 per cent. Brit. Pharm. 1898, and all strengths up to Glacial.

PRICES QUOTED ON APPLICATION.

Established 1730. **SOUTH LAMBETH, LONDON, S.W.** Established 1730.

Do You Make Your Own Mineral Waters ?

If NOT you should, for a great many Chemists, Hospitals, &c., are using our simple and most effective Plant, and producing splendid Aërated Waters. Write for List.

RENTAL TERMS ON APPLICATION.

THE VOLCANIC AERATION CO., 203 Great College Street, LONDON, N.W.

THE
Chemists' Printers.

LABELS,
SALINE WRAPPERS,
ENVELOPES

FOR

Powders, Prescriptions, Shampoo Powder, Insect Powder, Violet Scented Oatmeal, Corn Silk, &c., &c.

SEE OUR SPECIAL DESIGNS.

Write for Samples to

BOWLES & CO.,

44 & 46 BRUSHFIELD STREET,

BISHOPSGATE, LONDON, E.C

HOOKER'S MILK WINE.

VILNAC Registered Trade Mark

Of extreme utility in cases of (Patented),

Dyspepsia, Anæmia, Debility, Tuberculosis, Phthisis, Insomnia, Heart Weakness, Typhoid and other Fevers, all Wasting Diseases, Mental and Physical Overwork, Loss of Appetite, &c.

A peptonised product of milk containing all the constituents of the original milk (except fat) in a completely digested form. It is of great medical value for use in the sick-room, for convalescents, for those suffering from dyspepsia, insomnia, nervous disorders, &c.

Its value consists in the fact that the whole of the casein or curd of the milk is present in the Wine in the form of peptones, which are capable of being absorbed into the system **without digestive effort.** Whilst possessing all the valuable properties of a highly peptonised milk it takes the form of a sound and palatable Wine, of great use in all febrile disorders and cases of acute illness where milk or milk and a stimulant is essential, and often difficult to administer. It is in fact a **powerful food stimulant** and tonic, and may be used successfully with benefit both in illness and convalescence. It is a most useful **appetiser** and aid to digestion under any circumstances, and especially for the weak and aged.

Many valuable testimonials have already been obtained from medical men and others who have tested and used the Wine.

A Physician in Large Practice certifies :—"HOOKER'S MILK WINE is a valuable addition to the dietary of the sick-room, and I have found it a powerful restorative and stimulant, not only in severe illness, but also in cases of nervous exhaustion induced by overwork, study, and other causes. It has also been used with marked and surprising success where no other food could be taken, and I have been struck with its value as an appetiser when taken shortly before a meal."

Sold in Wine Quarts and Pints, 4/6 and 2/6 per bottle, through any Chemist, or from the Manufacturers :—

THE MILK WINE CO., LTD.

9 Arundel Street, STRAND, LONDON, W.C.

FREE SAMPLES to Medical Practitioners only will be sent on application. Included with each sample is a small bottle of Tannic Acid in Solution. A simple experiment will then immediately demonstrate the Milk Peptones present in the Wine.

Seasonable Lines

offered by

POTTER AND CLARKE,

Wholesale Druggists,

60, 62 & 64 ARTILLERY LANE, LONDON, E.

Eucalyptus Oil.

(Globulus Brand.)

This popular article commands a ready sale. A leaf of the Eucalyptus Globulus (or Australian Blue Gum) is mounted on each card, forming an unique advertisement.

2d. Bottles	**1/4**	per doz.
6d. „	**3/6**	„

(New Label.)

Herb Beer Extract.—(Potter's.)

FANCY PICTORIAL LABEL IN FIVE COLOURS.

Our Concentrated Extract is composed of the best English Herbs, including Hops, Dandelion, &c., *and is undoubtedly the best in the market for making Herb or Botanic Beer.* It is now used in nearly every part of the world. One Sixpenny bottle makes 8 gallons of Beer. Full supplies of printed matter and showcards sent with all orders.

6d. Bottles ... **3/6** per doz. Gross Lots, **36/-** net.

Own name on special label in colours for orders of 1 gross and upwards.

Extract of Jamaica Sarsaparilla Compound.

Commands a very large sale. Label in blue. Packed in handsome boxes for counter display.

¼ oz.	**1/6**	per doz.
½ oz.	**2/9**	„
1 oz.	**5/-**	„

Health Salt. "All the Year Round."

Handsome decorated enamelled tins in 6 colours, our special design.

The Saline is a fine white dry powder, containing a slight excess of English Tartaric and Citric Acids which give that pleasant sharpness so much desired.

4d. Tins ... ... **2/6** per doz. **27/-** per gross.

Rhubarb, E. I. (Trimmed.)

Special Line of ours. Best Value in the market. Good sound root only used. In handsome glass top boxes for counter display.

In ¼ oz., ⅓ oz., & ½ oz. pieces. Larger sizes if desired.

Special Line	**4/6**	per lb.
Superior	**6/6**	„
„ extra	**8/6**	„

PRINCE ALBERT'S CACHOUX

HIGHEST AWARD COLUMBIAN EXPOSITION, CHICAGO, 1893.

Those Cachoux are supplied only in Brass Boxes, of which there are three sizes.

No. 4's at 3/6 doz. (*Export*).
No. 5's at 4/- doz. (*Home Trade*)
No. 6's at 7/- doz.

SUBJECT TO TRADE DISCOUNTS.

All Labels, Titles, and Trade Marks registered in Europe and America.

"BENZINE RECT."
JACKSON'S.

SIXPENNY & SHILLING SIZES, 4s. and 8s. per dozen.

A Genuine Benzol.

JACKSON'S CEMENT
Chinese Diamond.
It has stood the test of time in all quarters of the globe.
In Bottles at 3/6 and 7/- per dozen.

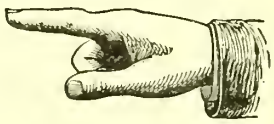
ADHESIVE, TENACIOUS AND KEEPS WELL.

JACKSON'S LIQUID GLUE.

SIXPENNY and SHILLING Sizes, at 3/6 and 7/- per doz.
BRUSHES INCLUDED. (B)

SPECIALITIES FROM THE LABORATORY OF **THOMAS JACKSON**, Strangeways, **MANCHESTER.**

PROFITABLE EXTRAS.



All Chemists desirous of increasing their incomes cannot do better than stock

HILLABY'S LIQUORICE SPECIALITIES,

which yield a profit of

40 TO 50 PER CENT.

These goods being extensively advertised, there is a quick and growing demand for them. Send at once for samples and full particulars.

LIQUORICE WAFERS, packed in 2-lb., ½-lb., ¼-lb., and 2-oz. Tins.
LIQUORICE PELLETS, packed in 2-lb. Tins with glass fronts, or 1 and 2 lb. Bottles.
PONTEFRACT CAKES, packed in 4-lb. and ½-lb. Decorated Tins.

CARRIAGE PAID ON ORDERS OF 30/- AND UPWARDS.

These goods are now stocked by Messrs. Maw, Son & Thompson; Messrs. May, Roberts & Co.; and Messrs. Evans, Lescher & Webb.

HILLABYS, LIMITED, Lion Works, PONTEFRACT.

DRUGGISTS' CONFECTIONERY.

ROBERT GIBSON & SONS, LIMITED,

Medicated Lozenge Manufacturers,

CARLTON WORKS, Erskine St., Hulme, MANCHESTER, ENGLAND.

And 1 Glasshouse Yard, Aldersgate St., London, E.C. „

We have pleasure in drawing the attention of the Trade to our new, beautifully enamelled 1-gross Tins for Sugar, Chocolate, and Gingerbread Worm Cakes. These are really a very attractive Tin, and we think will considerably help our friends to increase their sale for these goods. When next ordering please specify "1-Gross Enamelled Tin."

PRICE LIST ON APPLICATION.

SUMMER LINES

THE 20TH CENTURY BEVERAGE **C.C.C.** WHOLESOME DINNER WINE.

Concentrated Claret Cup 21/6 & 12 6 doz.

In Bottles 6 & 12 to Gallon. Dilute with Plain or Aërated Water for the immediate production of Excellent Claret Cup.

Wine Licence Required.

		GROSS	
"Health Salt"	=	25/=	4 oz. Tins with lever lids, handsomely labelled. Customer's name & address printed on 1 gross assorted, free.
"Sulphur Salt"	=	30/=	
Lemon Crystals	=	36/=	2½ oz. direct squares, customer's name and address printed on 1 gross assorted, free.
Lime Juice Crystals		36/=	
Brown Boot Polish		36/=	3 oz white glass bottle, name on 1 gross, free.
Straw Hat Polish		21/=, 40/=	All Colours. Name on 1 gross assorted, free.
		DOZEN	
"P & O" Chutney		5/6, 10/=	½ lb. and 1 lb bottles "The King of Sauces" for Hot & Cold Meats.
Salad Dressing Cream		8/=	Prepared with Double Cream.

Terms: NET CASH. Carriage Paid on £5 orders.

BLEASDALE, LIMITED, YORK.

Invalid Bovril

IS

Specially prepared for use in the sick room, and is unseasoned.

Invalid Bovril is obtainable from Chemists and Druggists only.

Invalid Bovril is on the P.A.T.A. List.

Packed in Porcelain jars: 1/3, 2/-, and 3/6.

Bovril Limited, 30 FARRINGDON STREET, **London, E.C.**

CONSULTING CHEMIST:
Sir EDWARD FRANKLAND, K.C.B., D.C.L., F.I.C., Corr. Mem. French Institute.

ANALYTICAL CHEMIST:
WILLIAM HARKNESS, F.I.C., F.C.S., F.R.M.S., 41 years Food Analyst to Her Majesty's Government.

RIDGE'S PATENT COOKED FOOD

SATISFYING.
STRENGTHENING.
SOOTHING FOR INFANTS.
AGREEABLE.
DIGESTIBLE.
NOURISHING.

DR. RIDGE'S PATENT COOKED FOOD Is certified to contain all the essentials of a Pure Dietary necessary to secure a healthy and natural development of bone and muscle, a vital necessity to growing infants and a comfort to all.

DR. RIDGE'S FOOD is the Oldest, Best, Most Widely-known, and has the LARGEST SALE in the World.

SOLD EVERYWHERE.

The public are cautioned against all imitations.

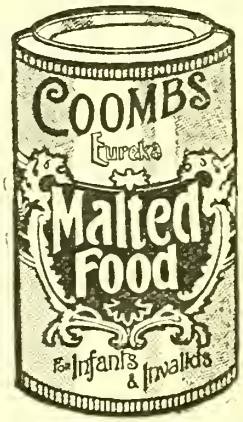
"Makes them strong to push along."

Pamphlets and Showcards Post Free on application to
RIDGE'S FOOD MILLS, LONDON, N.

IT WILL PAY YOU TO PUSH COOMBS' MALTED FOOD

for Infants and Invalids.

AWARDS. **2** GOLD MEDALS.



Recommended by the Medical Faculty and Leading Analysts.

See Drs. Goodfellow's and Granville H. Sharpe's Reports.

Bears a good profit, and is only supplied to those who agree to sell at full advertised prices.

TERMS ON APPLICATION.

COOMBS' "EUREKA" AERATED FLOUR CO., LTD.
Lenton Boulevard, Nottingham, & 8 & 8a Farringdon Road, London, E.C.

DIASTASED FARINA FOOD

Approved by the British Analytical Control

(See their Stamp on every Tin).

A FOOD FOR INFANTS, INVALIDS, AND THE AGED.

A totally unsolicited Report of a Medical Man's experience with the Diastased Farina Food.

YORKSHIRE, December 2, 1896.

DEAR SIRS,—Since August I have been trying your "Food," and I am well satisfied with the result. Milk is the most perfect food, but when you have to reckon with a low type of stomach, or a poor class of milk, assimilation is imperfect, dyspepsia frequent. The addition of your "Food" prevents the latter and hurries the former. I have had admirable results in the treatment of Phthisis, Chlorosis, Gastric Ulcer, Atonic Dyspepsia, and Neurasthenia.

Yours faithfully, COLIN CAMPBELL, M.R.C.S.

In Tins, 1/6 and 2/6 each, from all Chemists.

Manufacturers:—E. BEANES & CO., Hackney Wick, LONDON, E.

HOLY- -ROOD

TABLE WATER.

Shown by analysis to be equal to the best imported, and is FAR MORE ECONOMICAL.

Highly Commended by LEADING MEDICAL AUTHORITIES

"Messrs. J. F. Macfarlan & Co. have hit upon a really excellent idea—viz., an artificial saline table-water, similar in composition to the popular imported natural aërated table-waters."—*Chemist and Druggist.*

J. F. MACFARLAN & CO.

Abbeyhill Chemical Works,

EDINBURGH.

LEMON SQUASH AND LIME JUICE CORDIAL

(Filtered Bright).

Reputed Pint Square White Glass Stoppered Bottles	.. 3/9	per doz.
Do. Quart " " " "	.. 5/6	"
Do. do. " Green Glass " "	.. 5/9	"
Do. Pint Round Bottles	.. 3/6	"
Do. Quart " "	.. 5/9	"

Plain Labels if desired.

For 6 dozen Quarts in one delivery	6d. per doz. less.
For 12 dozen Pints do. do.	8d. "

IN BULK 1/6 PER GALLON (BOTTLES EXTRA).

Delivery free in London.

SAMPLES ON APPLICATION.

CHAS. SOUTHWELL & CO.

Wholesale Confectioners, DOCKHEAD, S.E.

FROMMS VEGETABLE EXTRACT.

	Trade Price.	Retail at
2½ oz. size	6/3 Per Doz. ...	7½d.
4½ "	10/10 " ...	1/1
9 "	19/9 " ...	2/-
16 "	33/- " ...	3/6

MINIMUM Profit

RESERVED TO

THE RETAILER,

20%

"FROMMS" VEGETABLE FOOD SPECIALITIES

HAVE BEEN AWARDED 26 GOLD MEDALS AND PRIZES.

SPECIAL.

Until further notice, we offer the following:—

EXTRA DISCOUNTS.

On Orders of £3 and upwards, discount of 2½%
" £5 " " 5%
" £10 " " 7½%

All Goods are invoiced for Monthly Account nett.
Carriage Paid on Orders of 20/- and upwards.
Printed Matter and Show Cards Free on Application.
If Billheads are desired, send specimen of one in use.
No Charge for printing Name and Address.

"FROMMS" VEGETABLE SOUP TABLETS

4 VARIETIES
- **Pea.**
- **Green Vegetable.**
- **Vegetable Mock Turtle.**
- **Vegetable Ox Tail.**

Retail at 2½d. per Tablet.

Trade Price, 24/- per Gross (Assorted).

FROMMS, VEGETABLE FOOD SPECIALISTS, **5 WHITE STREET, LONDON, E.C.**

CAUTION!

"YORKSHIRE RELISH."

In the High Court of Justice
Chancery Division.

WILLIAM POWELL (trading as Goodall, Backhouse & Co.)

v.

MAY & CO.

NOTICE is hereby given that on the 24th day of February, 1899, the Hon. Mr. Justice Kekewich ordered that the Defendants their servants and agents be restrained until judgment in this Action or further order from in any manner using or applying the words "YORKSHIRE SAUCE" or "YORKSHIRE RELISH" as descriptive of or in connection with or in respect of any Sauce or Relish manufactured by them or not manufactured by the Plaintiff without clearly distinguishing such Sauce or Relish from the Sauce or Relish of the Plaintiff And from describing any such Sauce or Relish as aforesaid as "THE ORIGINAL YORKSHIRE" SAUCE OR RELISH and from selling or offering or exposing or advertising for sale or procuring to be sold any such Sauce or Relish as aforesaid under labels or wrappers or enclosures or otherwise to be calculated to represent or lead to the belief that such Sauce or Relish is the Sauce or Relish of the Plaintiff and from selling or supplying any such Sauce or Relish as aforesaid in response to orders for "YORKSHIRE RELISH" or for the Sauce or Relish of the Plaintiff and from in any manner aforesaid or in any other manner passing off or enabling or assisting others to pass off any such Sauce or Relish as aforesaid as or for the Sauce or Relish of the Plaintiff.

Dated this 9th day of March, 1899.

J. Seymour Salaman,
65 & 66 Chancery Lane, London,
Solicitor for
Messrs. Goodall, Backhouse & Co.,
Leeds, Yorkshire.

SIX GOLD MEDALS and ONE SILVER MEDAL awarded.
HIGHEST AWARD at CHICAGO.

COLEMAN'S

WINCARNIS

Is a delicious beverage and tonic made from Port Wine, Liebig's Extract of Meat, and Extract of Malt.

WINCARNIS

Is a Name Registered to prevent fraudulent imitations.

OVER FIVE THOUSAND

Unsolicited Testimonials have been received from Medical Men.

The following Important Testimonial has been received from Dr. FLETCHER:—

Applecross, Ross-shire, N.B.,
July 2nd, 1897.

Dear Sirs,—Please forward quarter-of-a-dozen "Wincarnis" immediately, as my patient's supply is about done. I trust there will be no delay, as he takes no other nourishment, and has been sustained and gained strength by "Wincarnis" for twelve weeks.

Yours faithfully,
DUNCAN FLETCHER, L.R.C.P.

WINCARNIS

is sold by all Druggists, Wine Merchants, and Patent-medicine Vendors. Ask for **Coleman's "Wincarnis,"** and see that the word **"Wincarnis"** is on the shoulder of the bottle.

Sold in Bottles, 2*s.* 9*d.* and 4*s.* 6*d.*, everywhere.

If there is any difficulty in getting the Wine, write direct to the manufacturers, who will forward

Sample Pint Bottle free by Post on receipt of 33 stamps.
" Doz. " " Rail " 30*s.*

Sole Manufacturers:

COLEMAN & CO., LIMITED,

WINCARNIS WORKS,
LOWER WESTWICK STREET, NORWICH,
AND 24 CRUTCHED FRIARS, LONDON, E.C.

Sole Proprietors of Coleman's Crown Imperial Invalid Stout, and also Coleman's Crown Imperial Invalid Champagne, which is strongly recommended by the Medical Faculty.

Under certain conditions the cost of a Foreign Wine Licence will be defrayed. For full particulars apply to COLEMAN & CO., LIMITED, Wincarnis Works, NORWICH.

DR TIBBLES' Vi-Cocoa

"Undoubted Purity and Strength."—*Medical Magazine.*

"In the front rank of really Valuable Foods."—*Lancet.*

PERFECTLY PURE BUT NOT INSIPID

FAVOURED BY THE HOMES AND HOSPITALS OF GREAT BRITAIN.

NESTLÉ'S SWISS MILK

SAMPLE FREE
On Receipt of Postcard to
H. NESTLÉ 48 CANNON ST. E.C.

TRADE MARK REGD

One Quality only, the best.
Used same as fresh Milk for all purposes.
RICHEST IN CREAM.

BRAND'S MEAT JUICE.

IN BOTTLES,
Price 28/- per dozen,
Less the usual discount.
BRAND & CO. LTD., MAYFAIR, W.

To H.R.H. The Prince of Wales, The Empress of Germany, &c.

BRAND & CO'S. SPECIALTIES FOR INVALIDS.

CONCENTRATED BEEF TEA, VEAL, MUTTON & CHICKEN BROTHS; TURTLE SOUP & JELLY, CALFS' FOOT JELLY, MEAT LOZENGES

ESSENCES OF BEEF, MUTTON, VEAL AND CHICKEN

SOLE ADDRESS,
19 LITTLE STANHOPE STREET, MAYFAIR, W.

THE GREAT AND MARVELLOUS

INSECT DESTROYER.

Entirely different from any other Beetle or Flea Powder.

"VIKO" will kill Cockroaches.
"VIKO" will kill Moths.
"VIKO" will kill Fleas.
"VIKO" will kill Bugs.
"VIKO" will kill Mosquitoes.
"VIKO" will kill Ants.
"VIKO" will kill all Insects.
"VIKO" will *not* kill Dogs.
"VIKO" will *not* kill Cats.

"VIKO" as a preventive against Moth is unrivalled. It has no equal. If sprinkled amongst Furs and Clothes instantly destroys any existing Insect Life, and ensures perfect freedom from a return of the pest.

Its effect upon Insect Life is simply marvellous.

REGISTERED.

Sold in 3d., 6d., & 1s. Tins.

SOLE PROPRIETORS—

TUNBRIDGE & WRIGHT, READING.

Manufacturers of the "World-Famed FLY CEMETERY."

TO PREVENT DISAPPOINTMENT, ORDER EARLY.

The World Famous Sticky Fly Paper.

'THE FLY CEMETERY'

FREE FROM POISON.

The Original and by far the Best Sticky Fly Paper in the Market.

Annual Sale—MILLIONS.

BEWARE OF THE MANY SPURIOUS IMITATIONS IN THE MARKET.

STOCK A FLY PAPER THAT WILL GIVE SATISFACTION TO YOUR CUSTOMERS.

Terms, &c., from

TUNBRIDGE & WRIGHT, READING.

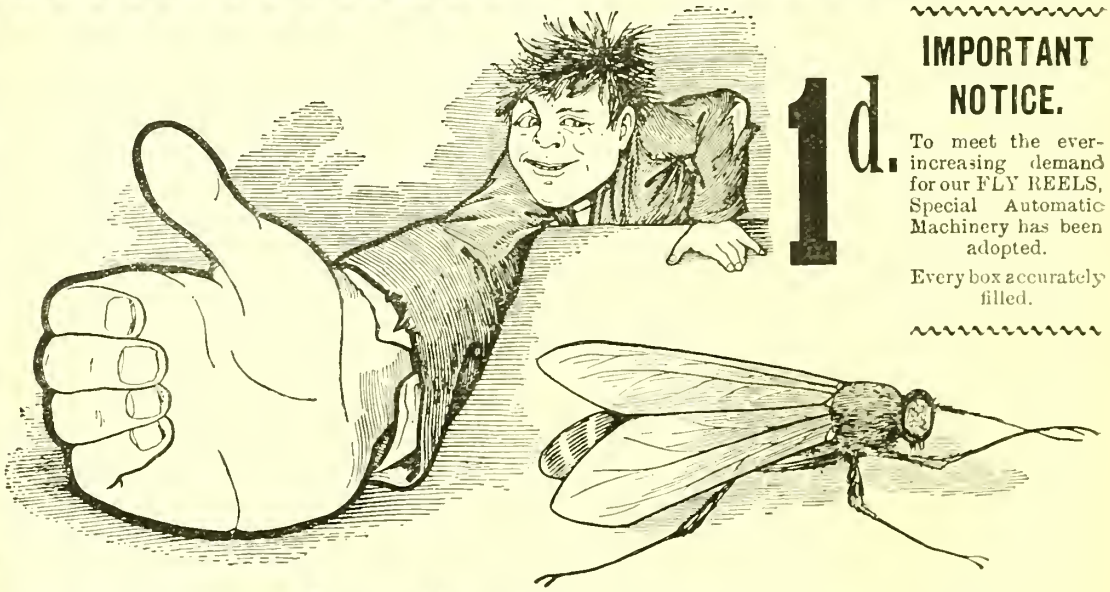
North of England Depot—4 Gallowgate, Newcastle-on-Tyne.
French Agency—34 Rue St. Martin, Cognac.

IMPORTANT NOTICE.—If any of our customers have any over year's stock of our Fly Cemeteries on hand, we shall be pleased to exchange same for fresh goods free of cost.

TELEGRAMS—"FLIES READING."

MARSHALLS' "REEL."

Original Size.



1d.

IMPORTANT NOTICE.

To meet the ever-increasing demand for our FLY REELS, Special Automatic Machinery has been adopted.

Every box accurately filled.

CATCHES
SELLS
SHOWS

MORE

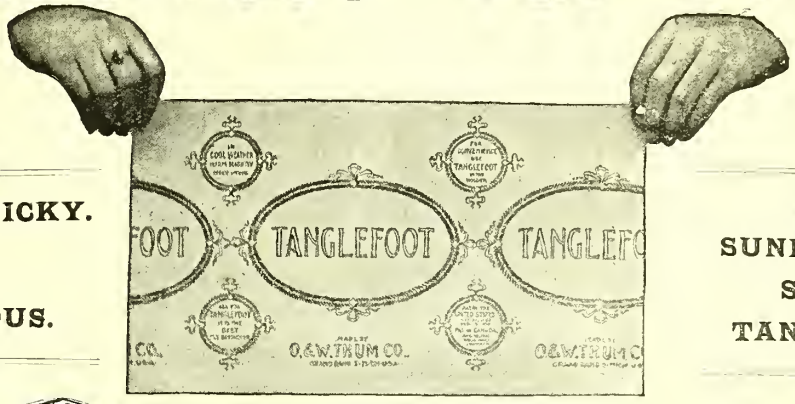
FLIES
READILY
PROFIT

— THAN — STICKY PAPERS.

ONE PENNY EACH. 1 gross, 5 „ at 6 6 / 6 3 Carriage Paid.

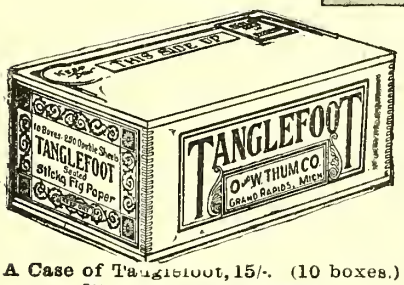
MARSHALLS', LTD., 27 RED LION SQUARE, LONDON.

TANGLEFOOT FLY PAPER.



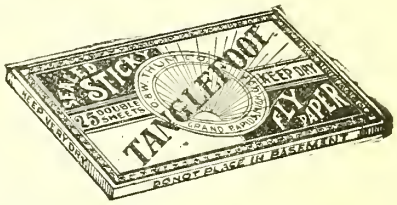
SEALED, STICKY.
NON-
POISONOUS.

YOUR
SUNDRIESMAN
STOCKS
TANGLEFOOT.



A Case of Tanglefoot, 15/-. (10 boxes.)
5% OFF ON 5-CASE ORDERS.

N.B.—Chemists who supply Painters should send to us for Alabastine Price Lists and Tint Cards, descriptive of the merits and permanence of this world-renowned decorative material.



A Box of Tanglefoot, 1 8. (50 sheets

Sole Importers—

ALABASTINE CO. (BRITISH) LIM., CHURCH ST., SOUTH LAMBETH, LONDON, S.W.

THE

FLYODOOMO

Is the Best Sticky Fly Paper on the market.

Neatly folded and banded for handling.

Write for sample and quotations.

Sample gross, post paid on receipt of P.O. for

5s.

Stocked by all wholesale houses.

JOHN H. SMITH & CO., NEWARK-ON-TRENT

What the Trade thinks about

"COBWEBS."

Unsolicited Testimonial.

Mr. J. P. FAST, Chemist, Walsall, wrote:

"Sept. 26th, 1898.

"Please send one gross 'Cobwebs' per return. P.O. 5/- enclosed. This makes my 20th gross this season. Before selling 'Cobwebs' my annual sale of sticky Fly Papers used to be about two gross."

"COBWEBS," 5/- per gross, carriage paid.

CASH MUST ACCOMPANY ORDER.
SAMPLES FREE.

Millions sold annually.

CHRISTY STRONG, READING.

FORD, SHAPLAND & CO.,

CHEMISTS' & GENERAL PRINTERS, LITHOGRAPHERS, ENGRAVERS, &c.,

6 GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.

STICKY FLY PAPERS.

"SWALLOW," "DEMON," "ADVERTISEMENT." 5/- per Gross. Cash with Order.

A BIRMINGHAM CHEMIST writes:—"Our customers swear BY them instead of swearing AT them, as they have done at one or two other makes we have tried previously."

Also CHEMICAL FLY PAPERS,

Guaranteed to be thoroughly effectual; printed with own Name and Address and Advertisements ON THE FOUR SIDES.

1,000, 16s.; 2,000 at 15s.; 3,000 at 14s.; 5,000 at 13s.; 10,000 at 12s.

ILLUSTRATED COUNTER BILLS

Specially Designed for Chemists' Advertising.

POSTERS.

FOLDING CARDBOARD BOXES.
Plain, or Printed in Choice Designs, for putting up Specialities.

CABINET PAPER FOR THE WATER CLOSET. In Registered Shape Boxes and in Packets.

SAMPLES AND PRICES ON APPLICATION.

AGENTS FOR REGISTRATION OF TRADE MARKS. — DESIGNS FURNISHED IF REQUIRED.

Price Lists, Pamphlets, Circulars, Billheads, Memorandums, Cards,

And all kinds of Printing and Stationery required by Chemists, at most Moderate Prices.

DUSSEK BROS. & CO.

MANUFACTURERS OF ALL KINDS OF

DISINFECTANTS

SOLUBLE SANITARY FLUID,
SOLUBLE CREOSOTE,
SOLUBLE CARBOLIC ACID,
CRUDE CARBOLIC ACID,
PALE CARBOLIC ACID,
CARBOLIC CRYSTALS,
CARBOLIC POWDER,

Containing 10%, 15%, and 20% Pure Acid, in any kind of packages, for Home and Export.

Patent "Sano" Fluid,

With delightful Pine Odour, suitable for Private Use.

Write for Samples and Quotations to

DUSSEK'S WHARF, Verney Rd., LONDON, S.E.

Telegrams—"DUSSEK LONDON." Telephone—PECKHAM 39.

THE UNRIVALLED EXTERMINATOR.

* VERMITE *

INSECT KILLS POWDER

COCKROACHES, BEETLES, BUGS, FLEAS, MOTHS, GREENFLY, ANTS, VERMIN IN DOGS AND FOWLS, ETC., ETC.

Harmless to everything except Insects.

Used by the Admiralty, War Office, &c. ALL Used on all Steamship Lines, &c.

As Chemists will be asked for VERMITE they should stock it immediately.

INSECTS.

Sold in 1/- Bellows (full), and 3d., 6d., 1/-, and 2/6 Tins.

STOCKED BY WHOLESALE HOUSES.

MANUFACTURERS:

JOHN CALABRESE & CO., Ltd.,

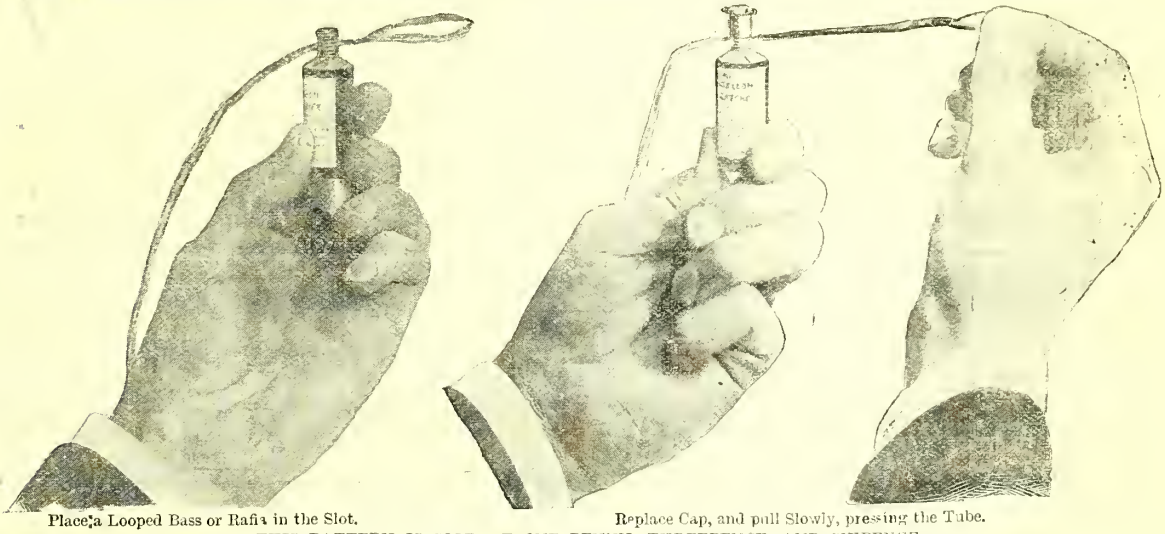
26 Billiter Buildings, Billiter Street, London, E.C.

The 'CHAMELEON' FLY-CATCHER

(A COLLAPSIBLE TUBE WITH A SLOTTED MOUTHPIECE)

FOR MAKING STICKY FLY STRINGS. PATENTED THROUGHOUT THE WORLD.

NOTHING COULD EXCEED THE SIMPLICITY OF THE IDEA! THIS IS HOW IT'S DONE.



Place a Looped Bass or Rafia in the Slot. Replace Cap, and pull Slowly, pressing the Tube.

THIS PATTERN IS SOLD AT ONE PENNY, THREEPENCE, AND SIXPENCE.

PRICES—for One Penny Tubes: 7/- per single gross; 6/9 per 5 gross; 6/6 per 10 gross. Net Cash with Order. Prices for 3d. and 6d. Tubes on Application.

The "Chameleon" Patents Manufacturing Co., Limited,

St. Ann's Works, St. Ann's Hill, WANDSWORTH, LONDON. S.W.

50th YEAR'S SALE

And still unapproachable for killing Flies.

MATHER'S

ORIGINAL CHEMICAL

FLY PAPERS.

Every Paper guaranteed to kill QUICKLY without torturing the Flies, and are not unsightly in the room like the STICKY FLY PAPERS.

SPECIAL PRICES ON APPLICATION.

W. MATHER, LIMITED, DYER STREET, HULME, **MANCHESTER.**

London and Export Agents—Messrs. MACE & HALDANE, 94 Milton Street, E C.

CALVERT'S

Original and Only Reliable

Carbolic Disinfectants, Soaps, Ointment, Tooth Powder, &c.,

Have been AWARDED 85 MEDALS and DIPLOMAS for SUPERIOR EXCELLENCE.

Price Lists, Show Cards, Counter Bills, &c., free on application to the Manufacturers,

F. C. CALVERT & CO., P.O. Box 513, MANCHESTER.

Airtight & Odourless — Avoid Imitations

SAMPLES & PRICES ON APPLICATION. In ¼, ½ and 1lb. PACKETS.

STEELE'S PATENT (PACKETS) CONTAINING CHLORIDE OF LIME

J. C. STEELE & CO., Victoria Street, GLASGOW.

SPECIALLY SUITABLE FOR EXPORT. Will keep for years in any climate.

For CLEANING PLATE.

BRADLEY & BOURDAS'S

ALBATUM or WHITE ROUGE

(REGISTERED AS A TRADE MARK)

For CLEANING GOLD, SILVER, and PLATED GOODS.

A trial is only needed to prove its superiority over other Plate Powders in use. Chemists will find it to their advantage to recommend this Powder, as when it is once tried it is always continued to be used.

Sold in Boxes at 1s. and 2s.; Tins, 6s.

48 BELGRAVE RD., & 6 PONT ST., BELGRAVE SQ., LONDON, S W

F. J. BYRNE, Chemist,

BULAWAYO,

Has the largest and most handsome premises in the

DRUG TRADE IN RHODESIA.

Agencies undertaken.

MOTH PREVENTIVES

In Various Forms, all equally Efficacious.

ALABASTRINE TABLETS.

For placing in Wardrobes Chests, Cupboards, &c.

1s. per box.

CRYSTALLISED CAMPHYLENE.

For scattering under Carpets, into Crevices amongst Furniture, &c.

1/- per tin.

Special Terms to Chemists and Wholesale Buyers.

This Unique Preparation possesses great Stimulating and Invigorating Properties. Is highly recommended by the Medical Profession.

AGREEABLE IN ODOUR.

A LUXURY IN THE BATH.

INSECT POWDER

From Closed and Half-Closed Flowers.

Guaranteed from New Season's Crop. In 1-cwt. Kegs.

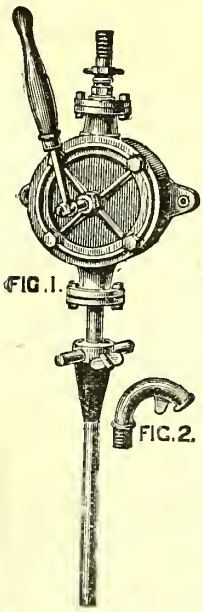
Send for our Quotations, and buy only a Genuine Guaranteed Article.

REFINED CAMPHOR BELLS.

ASK OUR PRICE BEFORE BUYING, AND YOUR ORDERS WILL REACH US IN DUE COURSE.

Procurable through all Wholesale Houses, or direct from

FLEMING'S OIL AND CHEMICAL CO., LIMITED, 101 LEADENHALL ST., E.C.



BUY THE BEST OIL PUMP

AND SAVE

OIL, TIME, MONEY.

THOUSANDS IN USE.

This is a representation of our "WILLCOX" NEW SEMI-ROTARY PATENT PUMP, with Improved Taper Barrel Attachment. It is easy to work and simple in construction, and is admitted to be the best article in the market for Pumping Paraffin Oil and all kinds of Liquid from barrels or tanks into other receptacles.

We hold a Large Stock, and can give Prompt Delivery.

BEWARE OF IMITATIONS.
Ours is the Original Patent Pump.

Write for full particulars and prices of The "Willcox New Semi-Rotary" Patent Oil Pumps to

W. H. WILLCOX & CO., LTD.
Offices—23 SOUTHWARK STREET,
Warehouses—34 and 36 SOUTHWARK STREET,
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Telephone No. 740 Hop.
Agents for Ireland for our Semi-Rotary Patent Pumps—
J. JONES & SON, 15 Parliament Street, DUBLIN.

THE CORK CO., LTD.

Established over 60 Years, and the First House to Import Corks into Great Britain.

SPECIAL ROUND

DRY PROCESS.

"MAXA" BRAND CORKS

THE ONLY PERFECT CORKS IN THE MARKET.

NO CORKY MICROBES! NO MILDEW! NO DUST!

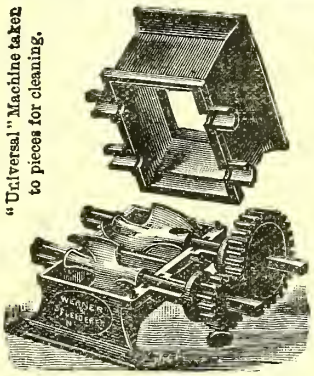
Speciality in Chemists' Corks to FIT THE BOTTLES with an even all-round pressure.

SOLE PROPRIETORS:
The CORK COMPANY, Ltd., LONDON.

To avoid inferior substitutes, insist upon the goods being invoiced to you as "MAXA" Brand.

THE "UNIVERSAL"

Kneading & Mixing Machine,



"Universal" Machine taken to pieces for cleaning.

Size 3, Type I., for 1-lb. Mass.

Used by all the largest Pill Makers.

SUITABLE ALSO FOR

OINTMENTS, POWDERS, AND MASSES of any Consistency.

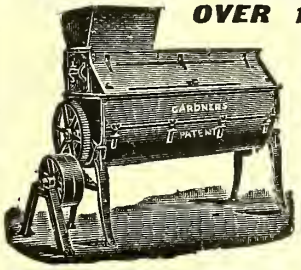
PILL MASSING MACHINES.

PILL PIPERS, CUTTERS, ROUNDERS, COATERS, "SPIRAL BRUSH" POWDER-SIFTERS (WITH INTERCHANGEABLE SIEVES), And every Accessory for the Pill Room.

WERNER, PFLEIDERER & PERKINS (LTD.),
Head Offices & Showrooms—117 Queen Victoria St., E.C.
Works—Regent Square, Gray's Inn Road, W.C.
Contractors to the War Offices of all the Great Powers

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS



OVER 1,130 **working in Almost Every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust.**

FOR HAND OR POWER.

From 50/- to £90.

CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER.

TOOTH POWDERS.

Special to Shippers and Large Buyers.

Carbolic (Carmine and Mauve Pink Shades)
White Rose, Pure White Rose Perfume,
Camphorated Chalk. Finest ingredients.

All the above are guaranteed harmless to the teeth and gums. Put up in tins of 7 lbs., 14 lbs., 28 lbs., 56 lbs., and 112 lbs. net; also in decorated tin boxes to retail at 1*s.*, 6*d.*, and 2*d.* For samples, prices, and terms, please write to

F. GILLESPIE & CO.
MANUFACTURERS AND MERCHANTS,
BILLITER BUILDINGS, BILLITER ST., E.C.

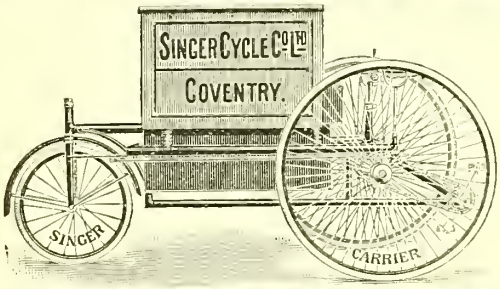
Harvey's Horse Remedies

HARVEY'S Aconite Powders,
For Chronic Cough, Broken Wind, Roaring, &c.
HARVEY'S Worm and Condition Powders.
HARVEY'S Watts' Embrocation,
or Curb Bottle.
HARVEY'S Watts' Red Lotion,
For Wounds.
HARVEY'S Hair Restoring Ointment.
HARVEY'S Edos, or Tasteless Purging Powder.

These Remedies are used in most of the Training Stables, Stables of Masters of Hounds, and by many thousands of Private Horse Owners in the United Kingdom and abroad.

FULLY DESCRIBED IN
"THE HORSE OWNER'S HANDY NOTE BOOK."
136 PAGES. POSTED FREE.
Circulars and Illustrated Pamphlets, with Chemist's name on, supplied on application.
For Trade Prices see the Lists of the Wholesale Houses, or write for Cash Price List to the Sole Proprietors,

HARVEY & CO.
49 Lower Gardiner St.,
DUBLIN.
Telegraphic Address—
"REMEDIES DUBLIN."

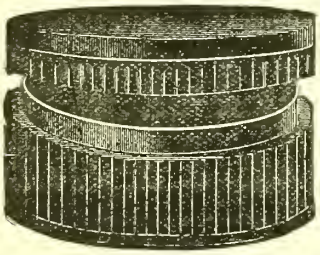


SPECIAL DESIGNS IN
"CARRIER" TRICYCLES
AND
PARCEL HAND CARTS.

1899 Lists and Prices free.

SINGER CYCLE COMPANY, LTD., COVENTRY.
LONDON:—17 HOLBORN VIADUCT.

THE "STIPENDUM" STOPPER CO., LIM.



47 LAMB'S CONDUIT ST., LONDON, W.C.
MANUFACTURE THE FOLLOWING SPECIALITIES—
"STIPENDUM" CORK STOPPERS, in all sizes.
"STIPENDUM" CORK-LINED CAPS, for Pomade Bottles.
"STIPENDUM" OPENERS, for Stoppered Aerated-water Bottles

"STIPENDUM" GREASE-PROOF COVERED POTS,
IN TERRA COTTA, CHOCOLATE, AND BLACK.

The Grease-Proof Covered Pots have perfectly-fitting lids, are practically unbreakable, and the only articles really answering the purpose intended.
To be had of all Druggists' Sundriesmen Wholesale only of the Company.

Profitable Extras for Chemists.

TOBACCO, CIGARS, CIGARETTES.
AND TOBACCONISTS' FANCY GOODS.

All Packet Tobaccos, Cigarettes, and other Tobacconists' Proprietary goods supplied at Manufacturers' own List Prices.
Every Smoker's Requisite and all Novelties—Up to Date—in one order.

MINIMUM OF TROUBLE—MAXIMUM OF PROFIT.

SEND FOR ILLUSTRATED PRICE LIST (200 PAGES), POST FREE.

SINGLETON & COLE, BIRMINGHAM.

JOHN'S GREAT INDIAN
CONDITION POWDER FOR HORSES.

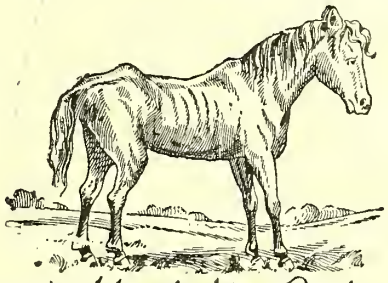
Messrs. A. JOHN & CO., Pharmaceutical Chemists, Agra, N.-W.P., India,

Beg to inform the trade in general that, through the unprecedented success of their Horse Powder in the Indian Empire, and the numerous inquiries they keep receiving from all parts of the world as to where it may be obtained in Australia and England, they have been induced to have a Wholesale Agency in England, where all inquiries may be made as to terms, &c.

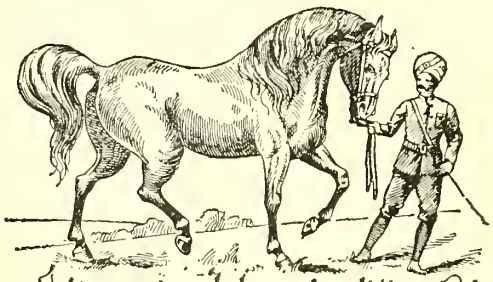
Messrs. A. John & Co. will be glad to hear direct from anyone wishing to become an Agent, and will place every help in their power for advertising and selling same.

English Agents: Colley & Co., 4 Lombard Court, Gracechurch Street, E.C.; and Long & Son, 65 Western Road, West Brighton; from whom supplies may be obtained.

Selling Price 2/- per Tin.



Before using John's Condition Powder.



After using John's Condition Powder.

JOHN'S CONDITION POWDER
FOR HORSES.

INVALUABLE FOR THE PRESERVATION OF

HEALTH, STRENGTH, AND BEAUTY.

The three glorious attributes of the Horse in India.

This Powder acts gently, almost imperceptibly, on all the digestive organs; increases the secretions, improves appetite, purifies the constitution of all irritating matter, increases weight, strength and spirit, and creates

A SPLENDID GLOSSY SKIN.

By its use, the tired, jaded appearance which is so common speedily disappears and the horse looks full of go and mettle.

TESTIMONIALS.

MESSRS. A. JOHN & Co. MUZUFFERPORE, 31*st July*, 1897.

DEAR SIRS,—Send me a tin of your famous Horse Condition Powder, the first one I received has done wonders. My Pony was dying and would eat nothing, and was nothing but skin and bone. In a month your Powder cured him, and I was able to play him at polo.

Yours faithfully,
J. S. S.

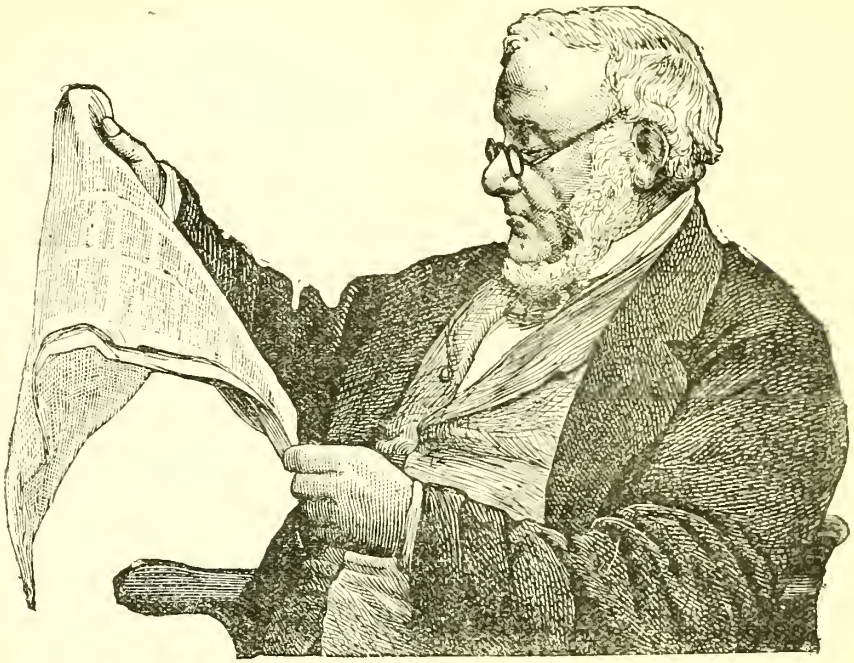
4/5/96.

GENTLEMEN,—I bought a Pony who had done 250 miles in four days at Kajauri-Kach only a very short while before. He was then only skin and bones. Three tins of **JOHN'S CONDITION POWDER** and the treatment recommended in the directions made him a different animal.

Yours truly,
J. W. SKUDDERSON, *Capt. Gordon Highlanders.*

Messrs. A. JOHN & CO. beg to draw attention to the fact that they are in a position, having Agents in Bombay and Calcutta, for opening up or extending the Sale of Pharmaceutical and Medical Specialities. We invite correspondence with English Houses wishing to Introduce or Advertise their Specialities, &c., in the Indian Market.

"It is astounding what wonderful progress Daisy has made. It only seems a good twelve months ago since it started."



LIVE CHEMISTS WRITE

for full particulars of a unique display to draw crowds to the window, of particulars of a mutual system of advertising together your own specialities and ours, of particulars of an advertisement for your own List or Almanac, and **see** what we can do! Dead-alive Chemists need not write, nor order, they are a hindrance to the march.

Coins, Counter Bills, Daisyettes, Art Chromos, Enamelled Signs, Transparencies, and everything that will help a live agent to sell, free on receipt of post card.

DAISY, Limited, THE TWIN DAISY WORKS, **LEEDS.**

Telephone 1990. Wires—"Daisy Leeds."

American Branch—DAISY, LIMITED, 265 West Broadway, NEW YORK.

Telegrams—"Daisy, New York."

Australian Agencies—THE AUSTRALIAN DRUG CO., SYDNEY; LANGLEY & CO., MELBOURNE; and FAULDING & CO., ADELAIDE.

WHAT THE CHEMISTS SAY OF DAISY.

"THE CHEMIST AND DRUGGIST" very recently asked the question, "Which is the Most Popular Proprietary Article?" The voting in this competition placed **DAISY at the Top of the Poll** with a magnificent majority of **three** times that of the nearest competitor (B-E-H-M-P-L-S) and obtained more votes than all the others put together.

Furthermore, 12 months ago, "THE CHEMIST AND DRUGGIST," the leading paper of the Trade, asked its readers to "Vote for the article which has your best wishes." The reply was a decided one: it placed the Daisy Headache Cure at the **Top of the Poll!** with over 100 per cent. majority.

No similar line was even mentioned in the list given.

DAISY, Limited, THE TWIN DAISY WORKS, LEEDS.

Telephone 1990. Telegrams—"Daisy Leeds."

American Branch—DAISY, LIMITED, 265 West Broadway, NEW YORK,
Telegrams—"Daisy, New York."

Australian Agencies—THE AUSTRALIAN DRUG CO., SYDNEY; LANGLEY & CO., MELBOURNE; and FAULDING & CO., ADELAIDE.

WHAT HAPPENS WHEN IT MOVES!

This beautiful little Yacht is lent out to grace the streets of any good sized town.

For particulars of Hire write—

DAISY, Limited, THE TWIN DAISY WORKS, LEEDS,

265 WEST BROADWAY, NEW YORK.

Telephone—1990. Telegrams—"Daisy Leeds" or "Daisy New York."

WHAT HAPPENS WHEN IT STOPS!

This beautiful little Yacht is lent out to grace the streets of any good sized town.

For particulars of Hire write—

DAISY, Limited, THE TWIN DAISY WORKS, LEEDS,

265 WEST BROADWAY, NEW YORK.

Telephone—1990. Telegrams—"Daisy Leeds" or "Daisy New York."

PERMANGANATE of POTASH

FREDK. BOEHM,
16 Jewry St.,
LONDON, E.C.
[1]

LIME JUICE AND
LIME JUICE CORDIALS.

Large buyers are advised to send particulars of their requirements to
IDRIS & CO., Ltd., Pratt Street, CAMDEN TOWN, N.W.

BUYERS' GUIDE,

See pages 15, 16, 17.

LISTER'S ANTISEPTIC DRESSINGS

(ISDAMA BRAND).

See that the Red Cross is on every package.

TRADE ISDAM MARK.

Be sure to specify MILNE'S LISTER'S.

Prepared according to Lord Lister's personal instructions.

MILNE'S ABSORBENT WOOL, LINT, TISSUE, BANDAGES.

LISTER'S DOUBLE CYANIDE GAUZE.

MILNE'S JACONET BED-SHEETINGS, OILED SILK.

PLEASE APPLY FOR JOHN MILNE'S ILLUSTRATED CATALOGUE.

THE GALEN MANUFACTURING CO., LTD., Antiseptic Dressings Factory, **LADYWELL, S.E.**

"PEPSENCIA." A palatable digestive, containing both the rennet and peptic ferments; it may be advantageously used for making junket and whey.

Supplied in 4-oz. and 8-oz. bottles at 21*s.* and 36*s.* per dozen.

"PANOPEPTON." The nutritive constituents of beef and wheat in a soluble and freely absorbable form.

Supplied in 6-oz. and 12-oz. bottles at 24*s.* and 40*s.* per dozen.

"PEPTOGENIC MILK POWDER." This powder when added to cows' milk, water and cream yields a food exactly like human milk.

Supplied in two sizes at 21*s.* and 40*s.* per dozen.

These prices are subject to B., W. & Co.'s terms.

Originated and Manufactured by—
FAIRCHILD BROS. & FOSTER,
NEW YORK.

Agents for Europe, Asia, Africa, and Australasia—
BURROUGHS, WELLCOME & CO.,
LONDON and SYDNEY.

The Chemist and Druggist Summer Issue

JULY 29, 1899.

INSERTION OF CIRCULARS.

With this issue of "THE CHEMIST AND DRUGGIST" all kinds of trade circulars and price lists can be stitched. They must be on paper of size similar to the pages of "THE CHEMIST AND DRUGGIST," but they may be of any colour.

This is the cheapest and most effective way of bringing a circular to the notice of the trade. For, besides being annexed to a journal which is sure to attract attention, and is fairly certain to be kept, the cost is not more than one-third that of postage alone, and the advertiser gets the benefit of the finest list of names, home and colonial, obtainable.

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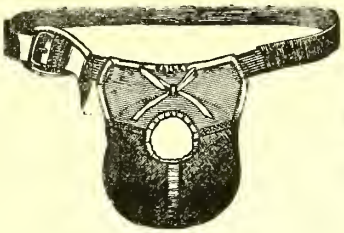


Fig. 2.

BAILEY'S
SUSPENSORY BANDAGES
A. B. C. SYSTEM.

What *"THE CHEMIST AND DRUGGIST"* says:—

Every retailer knows what a worry it is to get a customer suited with a bandage when it has to be picked out of a drawerful of all sizes. Messrs. Bailey's system is to mark every bandage with a number and letter—4B, for instance. By referring to the list, one finds that No. 4 is so-and-so, and the letter B indicates the size. If B is too large, A can be supplied; if too small, then size C. In the case of hydrocele, where a continually increasing size is necessary, it will be seen how very convenient this system is for ordering. Apart from that, there is the convenience in stocking the bandages. Each one is put up in a neat slide-box, labelled at one end with the size and style, thus:—

To repeat, quote No. 4^{B} SILK.

So that they are easy to pack away, easy to fit, and easy to sell, while the quality is excellent.

Cabinet of 2 dozen assorted, 30/- USUAL DISCOUNT. Containing—

6	No. 1, Cotton, with tape under-straps	Fig. 1	per doz.	8/-
6	No. 2, ,, ,, drawing-strings	Fig. 2	,,	10/-
6	No. 4, Silk, with ,,	Fig. 2	,,	18/-
3	No. 6, Super. Silk, with ,,	Fig. 2	,,	24/-
3	No. 8, ,, ,, button-bags	Fig. 3	,,	24/-

W. H. BAILEY & SON, 68 OXFORD STREET, LONDON, W.

TELEGRAPHIC ADDRESS—"BAYLEAF LONDON." TELEPHONE NO. 2942, GERRARD.

THE SUSPENSORY BANDAGE
TO RECOMMEND IS
The "SYRACUSE,"

With SELF-ADJUSTING LOOP at back of Pouch.

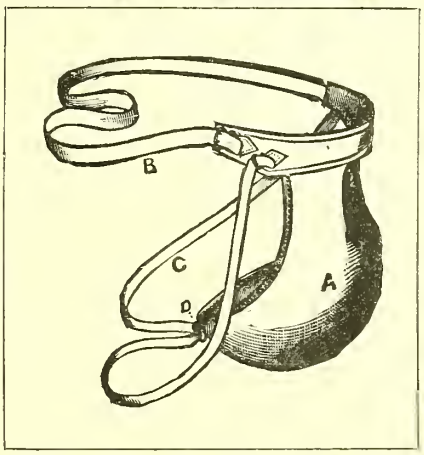
(PATENTED IN ENGLAND.)

HAS THE
LARGEST SALE
OF ANY
SUSPENSORY BANDAGE
IN THE STATES.

3 Sizes, Large, Medium, & Small.

Made in Seven Qualities, to suit all Markets.

Each Bandage is boxed separately with Printed Guarantee.



Each Bandage bears a Guarantee to give satisfaction to Wearer, or money returned at our expense.

COTTON POUCHES.

Nos.	10	16	21
	6/6	12/-	18/- per doz.

SILK POUCHES.

Nos.	26	31	34	38
	24/-	30/-	48/-	72/- per doz.

We call attention to the fact that our Bandages are advertised in all the leading Athletic papers, and are largely used by Athletes of all kinds. We would strongly recommend all Chemists who require a first-rate Bandage, and who wish to give satisfaction to their Customers, to hold stock, which will enable them to supply our Bandages when asked for.

May be obtained from all leading Druggists' Sundries Houses throughout the Country, or from the

WELLS MANUFACTURING CO. (H. C. Quelch), LUDGATE SQUARE, LONDON, E.C.

CAPSULED "McK. & R." PILLS

McKesson & Robbins : Originated 1870 : New York.

WHY SHOULD THE "McK. & R." PILLS BE PRESCRIBED?

1. Because they are prepared from materials of the highest quality only.
2. Because they are made according to the B.P. or other Standard Authorities, and therefore al the combinations are well tried and of recognised value.
3. Because they are taken pleasantly—being tasteless—and readily, being ovoid in form.
4. Because they are not subjected at any stage of preparation to the injurious action of heat.
5. Because the coating of *pure transparent gelatine* preserves the contents from oxidation.
6. Because they are always soluble, and the contents soft and quickly disintegrated.

LIST OF PRINCIPAL CAPSULED PILLS.

Aloes, all the B.P. combinations..... 5 gr.
Aloes, Dilute (Dr. Hall Dinner Pill)..... 4 gr.
Aloes Barb.
Saponis Pulv.
Pulv. Ext. Glycyrrh.
Theriaca, āā..... 1 gr.
Aloes and Nux Vomica—
Aloes Soc. ..... 1½ gr.
Ext. Nucis Vom..... ½ gr.
Aloin ..... 1/10, ¼, ½, 1 gr.
Aloin, various combinations.
Anti-Dyspepsia (Fothergill)—
Strychninæ ..... 1/10 gr.
Pulv. Piper Nig. ..... 1½ gr.
Pulv. Ipecac..... 2-3 gr.
Ext. Gent..... 1 gr.
Arsenious Acid..... 1-20, 1-50 gr.
Asafœtida, U.S. and B.P. ..... 5 gr.
Atropine ..... 1-100, 1-300 gr.
Blue Pill, B.P. ..... 1, 2, 3, 5 gr.
Blue Pill, with Colocynth and Hyoscyam... 5 gr.
Calcium Sulphide ..... 1-10, 1-4, 1-2, 1 gr.
Calomel, Colocyn., and Hyosc..... 5 gr.
Calomel Co., B.P. ..... 5 gr.
Camphor and Hyoscyam..... 2 gr.
Camphoræ
Ext. Hyoscy., āā ..... 1 gr.
Cannabis Indica ..... 1-4, 1-2 gr.
Cascara Sagrada..... 3 gr.
Cathartic Comp., U.S.P.
Ext. Jalap ..... 1 gr.
Ext. Coloc. Co. ..... 1 1-3 gr.
Hyd. Subchlor. ..... 1 gr.
Gamhog. ..... 1-4 gr.
N.B.—The ready solubility of the "McK. & R." Pills is readily proved by taking a dose of these.
Colocynth Comp., B.P..... 4, 5 gr.
Colocynth, other combinations.
Copaiba Compound—
Cubebæ Pulv. ..... 2 gr.
Ferri Sulph. Exsic. ..... 1-2 gr.
Mass. Copaib. ..... 1 gr.
Tereb. Venet..... 1 1-2 gr.
Corrosive Sublimate..... 1-30, 1-20, 1-10 gr.
Croton Oil..... 1-2 gr.
Diuretic—
Ext. Buchu, Potass. Nitrat..... 1 gr.
Scillæ Pulv. ..... 1-2 gr.
Emmenagogue—
Ferr. Sulph. Exsic. ..... 1 1-2 gr.
Thus, American ..... 1 1-2 gr.
Aloes Socot. ..... 1-2 gr.
Ergotin ..... 3 gr.
N.B.—Each Pill = 30 gr. ergot or 30 ms. fl. extract. This form is more reliable and uniform in effect and more agreeable than the liquid preparations.
Euonymin ..... 2, 3 gr.
Iodoform and Iodoform with Iron..... 1 gr.
Ipecac. ..... 1-4, 5 gr.
Ipecac. Co. ..... 5 gr.
Ipecac. and Squill, B.P. ..... 5 gr.
Iron Pill, B.P. Add. ..... 3, 5 gr.
Iron Arseniate..... 1-8 gr.
Iron reduced by Hydrogen (Quevenne).. 1, 4 gr.
Iron and Quinine Citrate..... 2 gr.
Laxative, Vegetable—
Res. Podoph.
Ext. Hyoscy.
Ext. Tarax., āā..... 1-4 gr.
Ext. Coloc. Co. ..... 1 gr.
Jalapæ
Res. Leptand. āā..... 1-2 gr.
Ol. Menth. Pip.
Mercury, Biniodide ..... 1-16 gr.
Mercury, Proto-iodide.... 1-20, 1-16, 1-8, 1-4 gr.
N.B.—Made from the absolutely pure *yellow* impalpable powder, free from mercury and from biniodide.
So-called "green" proto-iodide contains uncombined mercury.
Mercury with Chalk ..... 1 gr.
Morphine Muriate ..... 1-8, 1-4 gr.
Nitro-Glycerine ..... 1-200, 1-100, 1-50 gr.
Opium ..... 1 gr.
Opium and Camphor..... 1 gr.
Opii Pulv..... 1 gr.
Camphoræ ..... 2 gr.
Pepsin, Pure ..... 1 gr.
Phosphorus ..... 1-100, 1-50, 1-30 gr.
N.B.—In no kind of Pill are the advantages of the "McK. & R." method better exemplified or more in request. No other brand of Phosphorus Pills is equally reliable for the administration of the unoxidised medicament.
Phosphorus and Iron—
Phosphor. Pur. ..... 1-50 gr.
Ferr. Redact. ..... 2 gr.
Phosphorus, Iron, and Quinine—
Phosphor. Pur. ..... 1-100 gr.
Ferri Carb. ..... 1 gr.
Quininæ Sulph. ..... 1 gr.
Phosphorus and Nux Vomica—
Phosphor. Pur. ..... 1-50 gr.
Ext. Nucis Vom..... 1-4 gr.
Phosphorus and Quinine—
Phosphor. Pur. ..... 1-50 gr.
Quininæ Sulph. ..... 1 gr.
Phosphorus and Valerianate of Zinc—
Phosphor. Pur. ..... 1-50 gr.
Zinci Valer. ..... 1 gr.
Picrotoxin ..... 1-80 gr.
Podophyllin ..... 1-8, 1-4, 1-2 gr.
Quinine, Bisulphate .... 1-4, 1-2, 1, 2, 3, 4, 5 gr.
Quinine, Sulphate ..... 1-4, 1-2, 1, 2, 3, 4, 5 gr.
Quinine Co. (Anti-Malarial).
Largely prescribed in America with excellent results.
Rhubarb Comp., B.P. ..... 5 gr.
Rhubarb with Blue Pill ..... 5 gr.
Salicylic Acid ..... 2, 5 gr.
Soap Comp., B.P. ..... 5 gr.
Squill Comp., B.P. ..... 5 gr.
Strophanthus ..... 1-20, 1-4 gr.
Strychnine ..... 1-60 gr.
Tonic Laxative (Fothergill)—
Quininæ Sulph. ..... 2-3 gr.
Strychn. ..... 1-30 gr.
Ferri Redact.
Ext. Bellad., āā ..... 1-4 gr.
Valerianates, Iron, Quinine, and Zinc.
Warburg's Tincture and the same without Aloes. Each Pill = 1 fl. drm. of the Tincture.
Zinc Phosphide ..... 1-4, 1-2 gr.
Zinc Valerianate ..... gr.

Special Combinations of 3,000 or more Pills made and Capsuled to order for Hospitals, &c., at Special Quotations.

London Agency:—Messrs. S. Maw, Son & Thompson, 7 to 12 Aldersgate St., E.C.

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MESSRS. GRIMWADE, RIDLEY & CO., 82 Bishopsgate Street, London, E.C.

TRADE MARK 'Soloid' BRAND

Compressed Products

SOLUTIONS

for antiseptic, anaesthetic, astringent or other purposes, can be freshly, accurately, and easily prepared, at the moment they are required, by using 'SOLOID' Products, which are compressed in definite quantities and require no weighing. They possess the additional advantage of being safely and easily portable, so that supplies of such substances as Carbolic Acid, Corrosive Sublimate, Potassium Permanganate, etc., can be carried in the pocket without fear of the damage which would ensue on the breakage of a bottle containing a concentrated solution.

ABRIDGED LIST.

'SOLOID' CARBOLIC ACID, gr. 5, gr. 20, and gr. 60.
'SOLOID' BORIC ACID, gr. 6 and gr. 15.
'SOLOID' COCAINE HYDROCHLOR., gr. 1/2, gr. 1, and gr. 5.
'SOLOID' EUCAINE HYDROCHLOR., gr. 1 and gr. 5.
'SOLOID' LEAD SUBACETATE, gr. 10.
'SOLOID' LEAD AND OPIUM LOTION.
'SOLOID' CORROSIVE SUBLIMATE, gr. 1/1000, gr. 1.75, and gr. 8.75.
'SOLOID' L.G.B.
'SOLOID' MERCURIC POTASSIUM IODIDE (formerly known as Iodic-Hydrarg.), gr. 1 and gr. 8.75
'SOLOID' POTASSIUM PERMANGANATE, gr. 5.
'SOLOID' SALINE SOLUTIONS, for intravenous injections.
Etc., etc.

See full Price List.

Burroughs Wellcome & Co., LONDON and SYDNEY.

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Note New Sizes & Prices.

TRADE **"VASELINE"** MARK.

	10-lb. tin	25-lb. tin	50-lb. tin	Half-Bbls.	Bbls.
White	9/3 per tin	22/- per tin	41/8 per tin		
Yellow	5/- ,,	11/8 ,,	21/6 ,,	45/6 per cwt.	40/- per cwt.
Red	3/6 ,,	8/- ,,	13/4 ,,	28/- ,,	24/6 ,,

SECOND QUALITY.

White	7/- per tin	15/- per tin	27/6 per tin	58/- per cwt.	52/6 per cwt.
Yellow	3/3 ,,	7/3 ,,	13/4 ,,	24/6 ,,	21/6 ,,
Red	2/3 ,,	5/- ,,	9/- ,,	19/6 ,,	16/9 ,,

CHESEBROUGH MANUFACTURING CO., 42 HOLBORN VIADUCT, LONDON, E.C.

BENGER'S FOOD
For Infants
Invalids and the Aged

Directions for use in English, French, German, or Spanish, as required.

SOLD IN TINS BY CHEMISTS EVERYWHERE.

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F. B. BENGER & CO., LIM., MANCHESTER,
AND ALL WHOLESALE HOUSES AND SHIPPERS.

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—Emerson.

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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859.

Subscription, 10/- a Year, Post Free to any part of the World. Single Numbers 4d. per copy Summer and Winter Numbers, 1/- each.

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CHIEF OFFICES: 42 CANNON STREET, LONDON, E.C.
BRANCH OFFICES: MELBOURNE AND SYDNEY.

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Abonnementspreis: The Chemist and Druggist einmal wöchentlich, und Notizkalender des Chemist and Druggist einmal im Jahre, 10 Mark jährlich, frei in's Haus geliefert.

Precio de suscricion: The Chemist and Druggist una vez por semana, y el Agenda del Chemist and Druggist una vez al año, 12.50 pesetas anuales, franco.

In our recently re-arranged offices we have made provision of a floor with desks, works of reference, and a file of THE CHEMIST AND DRUGGIST *for the convenience of subscribers to this journal, especially for those resident abroad or in the provinces when they may be visiting London on business.*

Catalogues and price-lists issued by houses connected with the drug-trade are kept on file, and may be consulted; and we also suggest that this provision may be useful to employers who may wish for a central place to meet assistants whom they wish to see before engaging. We have also a room capable of accommodating twenty or thirty persons, which we shall be glad to lend free for suitable trade-meetings; but we shall be obliged if subscribers who wish to avail themselves of the latter offer will advise the Publisher in advance. The Catalogues can be consulted any day from 10 A.M. *to* 4 P.M., *and on Saturdays up till* 12.30.

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Circulars and Price-lists.

HOW TO DISTRIBUTE THEM TO THE DRUG-TRADE.

MANY of the best advertisers in the drug-trade have endorsed our view that it is more effective as well as cheaper to distribute circulars and price-lists stitched up in THE CHEMIST AND DRUGGIST than sending them singly by post. We make such insets in the *C. & D.* notable by the fact that we only receive them twice a year for distribution, and, of course, we ensure that they get into the hands of the right people. Sending them singly by post is more or less (principally "more") a lottery, gives immense office trouble, and costs at least three times more than our charge for inserting them in the *C. & D.* We would advise those who think of the matter to write to our publisher for particulars about the next distribution—the Summer number, July 29, 1899. He will not only give particulars about the charges, but what artistic assistance he can in designing or arranging insets. The date is two months distant, but near enough for prompt instructions to printers.

Summary.

THE CAMPHOR MONOPOLY seems to be hanging fire (p. 1014).

THE IODINE CONVENTION has had a set-back in Japan (p. 1014).

HERB-GROWERS and Mitcham oil-distillers report upon the crops (p. 1014).

THE CHEMICAL SOCIETY had a full meeting for its final one for the session (p. 997).

THERE are 2,966 students in pharmacy at the present time in the French schools (p. 987).

PREFERENCE SHARES in the Vinolia Company are offered to the trade and the public (p. 1006).

THE GOVERNOR OF NEW YORK has refused to sign the Drug-clerks' Shorter-hours Bill (p. 983).

A TRIBUTE TO MR. F. N. SUTTON, the Secretary of the Chemical Industry Club, is reported (p. 983).

THE HEARING of the Valentine Meat-extract case has been resumed, but is not yet finished (p. 1002).

DETAILS OF THE CHEMISTS' EXHIBITION, which has been open at the Agricultural Hall, are given (p. 990).

THE election for the Executive of the North British Branch of the Pharmaceutical Society is reported (p. 989).

THE conversion of Wright, Layman & Umney into a company for family reasons is announced. No shares are offered (p. 1005).

THE P.A.T.A. ANNUAL MEETINGS are reported this week, and the scheme for a Defence Fund has been adopted (p. 1007).

WE DESCRIBE some rare drugs which have cropped up in Mincing Lane this month, including ipecacuanha from Singapore (p. 1000).

THE CHEMISTS' ASSISTANTS' ASSOCIATION balance-sheet shows that the larger part of its income is derived from "patrons" and "donations" (pp. 983 and 1001).

THE JAVA QUININE-PEOPLE are having a little trouble amongst themselves, alleging that there has been business concealed by the Bandoeng factory-managers (p. 1014).

CORRESPONDENCE AND COMMENTS in reference to the varying prices at which homœopathic medicines are sold by certain manufacturers are published (pp. 1011 and 1001).

"EVERY intelligent person knows that potted-meat spells horseflesh" was the plea of a defendant at Paris charged with having fraudulently supplied dead horse labelled partridge (p. 987).

THE CLERK OF THE LONDON COUNTY COUNCIL makes it clear that that body will not allow chemists unlicensed under the Petroleum Act to bottle benzine, nor to open bottles in order to sell small quantities (p. 999).

THIRTY-FIVE STUDENTS sent in reports of our last analytical competition. All found sodium in the mixture sent out, but five failed to detect potassium, ten boric acid, and other constituents were also overlooked (p. 983).

A PERSON who has been defrauding chemists who advertise for assistants by applying for the situation and borrowing an advance on his wages when engaged has been before the Grantham Magistrates, and has admitted his offence (p. 1005).

THE DRUG-MARKETS are quiet this week. On Tuesday cinchona-bark equivalent to about 50,000 oz. of quinine was sold in London at full rates. Drugs were sold by auction on Thursday. Ipecacuanha and citric acid are dearer, otherwise there is little change (p. 1014).

THE BUSINESS IN SEIGEL'S SYRUP shows a considerable decline, the profits of A. J. White (Limited) being reported 40,000*l.* less for the past year than in the year preceding. The directors state that in the previous year the assets were considerably over-valued. The managing director has resigned (p. 1019).

Students' Corner.

Conducted by Richard J. Moss, F.I.C., F.C.S.

Qualitative Analysis.

THE subject of the next exercise in qualitative analysis will be a mixture of not more than three salts. The mixture of salts is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by *a stamped and addressed envelope*, not a stamp merely) will be received up to Wednesday, June 28, and the samples will be forwarded immediately.

Students' reports will be received up to Saturday, July 8 Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

Reports.

The mixture of salts issued for the last exercise in qualitative analysis consisted of 2 parts of sodium thiosulphate, 1 of borax, and 1 of potassium nitrate.

The calculated composition of the mixture was—

K	9·65
Na	12·28
B_4O_7	10·21
S_2O_3	22·58
NO_5	15·35
H_4O	29·93
	100·00

A trace of chlorine and minute traces of iron and sulphuric acid were present as impurities.

Packets of the mixture were sent to fifty-six applicants, and, in reply, thirty-five reports of analyses were received. The only constituent detected by all our correspondents was sodium; five failed to detect potassium, there were ten failures in the detection of boric acid, five in the detection of thiosulphuric acid, and eight in the detection of nitric acid.

In a few cases the possible presence of a borate was completely overlooked—a mistake easily made, as it is necessary to apply special tests for the detection of this acid. The tests most generally relied upon are the green coloration of the alcohol-flame and the peculiar change in colour which free boric acid imparts to turmeric-paper. All that is necessary to carry out the experiments with a certainty of success is a previous knowledge of the reactions acquired by actual trial with a borate. This knowledge it is evident some of our correspondents did not possess: they relied upon the description of the reactions obtained from their text-books. In using the alcohol-flame test it is important to bear in mind that the green colour is due to free boric acid volatilised with the alcohol. When a large excess of concentrated sulphuric acid is used, any boric acid present is sure to be in the free state; but if the acid is used sparingly there is a risk of the borate present not being decomposed. In using the turmeric-paper test, freshly-prepared test-paper is much to be preferred, and blank experiments should be tried for the purpose of comparison, using hydrochloric acid alone and a mixture known to contain a borate.

We have often called attention to the mistakes made in the attempt to detect acetic acid by smell, pointing out that any kind of irritating odour seems to suggest acetic acid to persons who have not taken any trouble to cultivate the much-neglected sense of smell. In the present case the very remarkable and characteristic odour of sulphur dioxide was actually mistaken for that of acetic acid by more than one of our correspondents.

Prizes.

The First Prize for the best analysis has been awarded to Henry Rodwell, c/o Mr. Maxwell, 252 Lungside Road, Road, Crosshill, Glasgow.

The Second Prize has been awarded to A. M. Barr, 57 Kempock Street, Gourock, Scotland.

Marks Awarded for Analyses.

Henry Rodwell (1st prize)	100	J. W. Patterson	85
A. M. Barr (2nd prize) ...	99	A. H. B.	85
Glycol	97	Detroit	85
A. E. Burton	97	D. Lewis	83
Turps	96	D. J.	82
Sepiæ	96	Hydrargyrum	80
J. R. Stott	95	Conatus	80
Musichemist	95	J. W. T.	77
Aberthaw	95	Euclid	75
E. M. Leese	95	Stephen	70
E. H. H.	94	A. S. Reid	68
Spes	94	R. E. J.	65
Ledoc	93	Victor E. Hanna	65
Tellurium	92	Alec	58
Spero	97	J. Haddock...	56
Ilex	90	Hawthorn	50
Aro	90	F. Y. Cope	45
R. T. S.	88		

To Correspondents.

Prizes.—The students to whom prizes are awarded are requested to write at once to the Publisher, namiug the book they select, and stating how they wish it forwarded.

Any scientific book that is published at a price not greatly exceeding half a guinea may be taken as a first prize.

Any scientific book which is sold for about five shillings may be taken as a second prize.

Note.—All communications should include the names and addresses of the writers.

Musichemist.—We are glad to receive your suggestions. The analytical exercises are not so much intended to puzzle as to instruct, and they must be adapted for beginners as well as advanced students.

Spes.—Your full name and address should be sent with every communication.

Ilex.—The difficulties you mention were overcome by decomposing the thiosulphate by the action of dilute hydrochloric or nitric acid, and filtering off the separated sulphur. Proceeding in this way a solution was obtained which gave a slight turbidity with barium chloride, showiug the presence of a trace of sulphuric acid; the original aqueous solution of the powder gave no such turbidity, because sodium thiosulphate interferes with the precipitation of barium sulphate in small quantity.

R. T. S.—You overlooked the possible presence of a borate—at least, you made no mention of any test that would detect boric acid.

J. W. Patterson.—In describing your test for boric acid you say the alcohol-flame was coloured green, nevertheless you concluded that boric acid was absent. The substance was fusible in the blowpipe-flame, consequently on adding cobalt nitrate and again igniting you obtained a mass coloured blue with cobalt oxide, just such a mass as would have been obtained with the cobalt salt and borax. The test should be applied only to white substances infusible in the blowpipe-flame.

A. H. B.—You should have tried to detect the potassium by precipitation with platinic chloride: the quantity present was considerable, and if your blue glass is fairly opaque to sodium rays you should have been able to detect potassium with ease. You should find out by experiment what is the smallest quantity of potassium you can detect by this means in the presence of sodium salt.

Detroit.—The powder treated with sulphuric acid gave a very distinct green coloration to the alcohol-flame. A very common error in applying this test is to use the acid too sparingly. Strong sulphuric acid should be used in more than sufficient quantity to convert all the bases into sulphates. You should not rely upon

this test alone: the turmeric-test should also be tried—it is very delicate. See remarks to J. W. Patterson about the cobalt-nitrate test.

D. LEWIS.—You did not describe the appearance of the precipitate obtained with sodium phosphate. Magnesium ammonio-phosphate is always distinctly crystalline when obtained from a dilute solution.

D. J.—The "sudden flame and smell like phosphoretted hydrogen" which you observed on heating the powder scarcely warranted the conclusion that a hypophosphite was present. The phenomenon was due to the separation of sulphur and its sudden oxidation.

HYDRARGYRUM.—You omitted to state how the trace of potassium was detected: platinic chloride gave such an abundant precipitate that the presence of much more than a trace was obvious.

CONATUS.—A solution of the powder gave, with ferric chloride, the peculiar reddish-violet colour characteristic of thiosulphates, which rapidly disappeared as the ferric salt was reduced. When the thiosulphate was completely decomposed by the action of an acid, and the excess of acid neutralised, ferric chloride gave no trace of a red colour. You should learn to distinguish the smell of acetic acid from that of nitric or sulphurous acids.

J. W. T.—You made no mention of a test for nitric acid, indications of which you should have observed when examining the powder in the dry way.

EUCLID.—Your mistakes about zinc show a want of practical familiarity with the reactions of that metal. It was not possible to obtain with the powder an incrustation on charcoal in the slightest degree resembling zinc oxide, nor did the effects of heat on the powder in an ignition-tube at all suggest zinc.

STEPHEN.—Contrary to your statement, reddish nitrous fumes were evolved on warming the powder with sulphuric acid and metallic copper. The addition of the copper was not necessary, owing to the deoxidising effect of the sulphur liberated by the action of the acid. The ferrous-sulphate test is very much more sensitive.

A. S. REID.—Add ferric chloride to a solution of sodium thiosulphate, and you will get the colour you thought due to an acetate. In a short time the colour disappears, leaving a slightly yellow tint, so that it was not the hydrochloric acid you added that produced the change. On gently heating a portion of the powder on the loop of a platinum wire a bead of a brownish-yellow colour was produced: the colour was due to sulphur, and disappeared when the bead was more strongly heated.

R. E. JACKSON.—The simultaneous separation of sulphur and evolution of sulphur dioxide, when a solution of the powder was treated with an acid, showed that a thiosulphate was present: no other salt behaves in this way. You completely overlooked boric acid.

V. E. HANNA.—The precipitate produced on adding hydrochloric acid to a solution of the powder was not white, and if it had been white you would not have been warranted in concluding that it was due to mercury without further evidence of the presence of that metal. About the action of ferric chloride on a solution of the powder, see remarks to A. S. Reid. The red colour produced by a sulphocyanate is permanent.

ALEC.—That a solution of the powder when treated with an acid gave a precipitate of sulphur while sulphur dioxide was evolved, was a remarkable fact that should not have escaped notice. In your report you do not describe the results you observed: the word "nil" you so frequently use conveys no idea of what you actually saw. It is hard to give you any useful hints unless you state clearly what you did and what you observed.

J. HADDOCK.—You omitted to state how your test for nitric acid was carried out. When the thiosulphate was completely decomposed by dilute sulphuric acid, and the sulphur filtered off, the solution, treated with ferrous sulphate and strong sulphuric acid, gave a very distinct brown ring at the juncture of the liquids.

HAWTHORN.—You observed that the powder was soluble in water, yet you concluded that magnesium, ammonium, and phosphoric acid were present, these being the constituents of the insoluble precipitate by which magnesium is recognised.

VAPOROLE.—Remembering that the powder was soluble in water, it is clear that a lead salt and a sulphide could not have been constituents. What you describe as a strong odour of acetic acid was due to sulphur dioxide.

THE following plaintive wail from the Burlington Churchyard, Massachusetts, may be found soothing:—

Here lies the body of Mary Ann Lowder;
She died whilst drinking a seidlitz-powder.
Called from this world to her heavenly rest.
She should have waited till it effervesced.

English News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Chemists' Assistants' Association.

The following officers have been appointed for next session:—Messrs. F. W. Gamble, President; H. Hymans and C. Morley, Vice-Presidents; T. Morley Taylor, hon. Vice-President; C. J. Strother, Treasurer; J. Evans and A. Latrielle, Literary and Financial Secretaries respectively. The balance-sheet for last session (1898–99) is appended:—

RECEIPTS.	£	s.	d.
Balance in hand ...	108	8	0
Subscriptions—			
Members	23	17	6
Patrons	18	18	0
Advertisements ...	3	7	6
Dinner-surplus ...	9	2	0
Sale of Proceedings	0	2	6
Donations—			
Apollinaris Company and Savory & Moore, 2*l.* 2*s.* each; Allen & Hanburys (Limited), Barron, Harvey & Co., Davy, Hill & Son, Yates & Hicks, Evans, Lescher & Webb, Harker, Stagg & Morgan, Hearon, Squire & Francis, Hodgkinson, Clark & Ward, Idris & Co., Maw, Son & Thompson, Meggeson & Co., Morson & Sons, Sanger & Sons, Smith & Co., Silverlock, H., Esq., Watson Will, Esq., Wright, Layman & Umney, Wootton, H., Esq., 1*l.* 1*s.* each; Barclay & Sons (Limited), £10*s.* 6*d.*			
Total	23	12	6
	£187	8	0

EXPENDITURE.	£	s.	d.
Rent...	15	0	0
Proceedings ...	18	0	0
Stationery and Printing	7	4	0
Stamps	6	1	5
Refreshments ...	4	8	10
Reunion	11	9	9
Expenses of Social Evenings ...	0	3	6
Expenses of Scientific Evenings ...	0	7	6
Deficit on Cinderellas	2	14	4
Blackboard and Easel	1	3	0
Reading-desk ...	0	11	0
Music-stand ...	0	2	6
Insurance	0	3	9
Advertisements for Rooms	0	3	0
Wreath for late Mr. Cooper	1	9	11
Sundries	0	6	6
Balance in hand ...	117	14	0
	£187	8	0

June 1, 1899. Audited and found correct.
(Signed) FREDERICK JAMES.
H. A. WILSON.

Industry Club.

On Monday evening this annexe to the London Section of the Society of Chemical Industry wound up the 1898–99 session with a dinner and smoking-concert at the Restaurant Frascati, which was attended by about 200 members, who had come as much to do honour to Mr. F. Napier Sutton, F.I.C., F.C.S., Secretary of the club, as to wind-up the session. Mr. Sutton has been Secretary of the club since 1891, and has had notable success in the office, which fact the members desired to recognise in a substantial manner by presenting him with a gold chronometer, and with a surplus of the subscriptions, which came in freely, a handsome silver stationery-case was purchased for Mrs. Sutton. The gathering, though homely and informal to a degree, was of the most pleasant character, and in itself was a tribute of respect to the guest of the evening. Mr. Boverton Redwood presided, and Mr. Otto Hehner was principal Vice-Chairman. Others who presided were Messrs. David Howard, T. Tyrer, B. E. R. Newlands, W. Crowther, W. Thorp, and A. R. Ling. Amongst the company we noticed Messrs. A. H. Allen, G. Beilby (President of the Society), Ludwig Mond, F. B. Power, C. Tyrer, C. Zimmermann, Donald Watson, Charles Kingzett, Watson Smith, C. Cresswell, E. Grant Hooper (Somerset House laboratories), and Bernard Dyer. After dinner and the loyal toasts, Mr. Redwood called upon Mr. Otto Hehner to explain the origin of the testimonial to Mr. Sutton. Then Mr. Thomas Tyrer was asked to present it, and both gentlemen spoke in the handsomest manner of Mr. Sutton's devotion to his work as Secretary, Mr. Tyrer adding words of appreciation of Mrs. Sutton's unobtrusive assistance, all which Mr Sutton acknowledged in a modest way which indicated his popularity. Following this came "Music, songs, and recitations." Mr. Charles Zimmermann's

violoncello solos were much appreciated. He was accompanied by Mr. Felix Rubeck, who also contributed pianoforte solos of a classic nature, and the songs were by several "Savages," while Dr. Lewkowitch made an amusing speech, in which he suggested that the Section meetings should be arranged in duplicate, the papers being read by the authors in Burlington House if they were accompanied by tables of figures, or by phonograph at Previtali's if they were such as could be enjoyed with the Chianti for which the restaurant is famous. And so a pleasant evening was passed. It will interest many in the trade to know that Mr. F. Napier Sutton is a son of Mr. Francis Sutton, the well-known Norwich pharmacist and analyst, and in his laboratory he was initiated into the mysteries of chemistry. In 1885 Mr. Sutton came to London and passed the examination for the Associateship of the Institute of Chemistry. The same year he was appointed assistant to the Chief Inspector under the Alkali, &c., Work Regulation Act, and in 1892 was appointed Inspector under the Act for the South-East District of England.

Poisoned by Ammonia-fumes.

At an inquest held at West Bromwich on June 17 the evidence showed that deceased, a charwoman named Parker, smashed a bottle of strong liquid ammonia, and died at the hospital, where she was taken, shortly afterwards. Dr. Manley was of opinion that the inhalation of the gas was quite sufficient to cause inflammation of the mouth and death. The house-surgeon at the District Hospital thought death was due to suffocation from spasm of the throat. He had made a *post-mortem* examination, and was unable to find any trace of ammonia in any part of the body. He considered that it was hardly possible for death to have resulted from simple inhalation of the fumes; but a verdict that deceased inhaled ammonia-fumes accidentally and died was returned.

Excessive Dosing.

At an inquest held at Northchurch on June 17 on the body of a woman who died after cutting her throat, it was stated that the deceased had been in the habit of taking nerve-tonics recommended by friends. Dr. J. Morton Coutts said that excessive dosing with medicine had probably induced delirium; and the Coroner (Mr. Lovel Smeathman) pointed out how undesirable it was that persons should try to doctor themselves. It was just possible that the delirium which led to the woman's death was caused by the tonics.

A Coroner on Quacks.

Mr. A. Braxton Hicks held an inquest at Kingston-on-Thames, on June 15, relative to the death of a lady named Bedford. Deceased was troubled with asthma, and for treatment she wrote to a man at Brighton, who supplied her with some "medicated tea" and an inhaler. The man charged deceased 2*l.* 2*s.* for advice and medicine, although he had never seen her. Dr. Senior stated that on making an autopsy he found extensive tuberculous disease of the left lung, the right also being affected. Death was due to hæmorrhage of the lung. The jury returned a verdict of death from natural causes, and the Coroner commented on the action of the deceased in seeking medical advice through an advertisement in a paper. No man could cure asthma any more than he could cure cancer, and anyone who got 2*l.* 2*s.* for asserting that he could do so was defrauding the public. If a respectable practitioner knew of a cure he would give his knowledge for the benefit of the world at large; but those individuals who advertised their "cures" in the papers were nothing more nor less than "sharp-shooters, pirates, or quacks," whichever the jury preferred to call them.

Unlabelled Laudanum.

At an inquest held at Leigh on June 14 concerning the death of a baby 4 weeks old, the son of a labourer, evidence was given that the mother of the child sent her daughter Florence, aged 8, for Godfrey's cordial to Mr. Worden, a beerhouse-keeper, grocer, and vendor of patent medicines, but by mistake she asked for and was supplied with laudanum. The bottle was not labelled "Poison," nor did Worden ask for what the drug was intended. The laudanum was given to the child, death resulting fourteen hours later. Coroner Brighouse said it was monstrous that because people got a 5*s.* licence to sell patent medicines the Legislature should allow them to sell unlabelled bottles containing nobody knew what. Practically the death was due to Worden, and there would be a miscarriage of justice if he were not prosecuted by the Pharmaceutical Society.

Cured without an Operation.

A married woman named Stella Melrose, who resides at Harpurhey, Manchester, awoke on the morning of June 16 and found that seven false teeth which she had gone to bed with were missing. As they could not be found the lady began to have internal pains, and the conjecture was that she had swallowed the teeth during the night. On the advice of her husband she was removed to the Manchester Royal Infirmary in a state of collapse, and was put to bed without delay, but the case puzzled the doctors. An hour afterwards the husband arrived at the hospital with the teeth, which he had found in the bedroom. The woman instantly recovered.

Drug-contracts.

The Walsall Guardians have accepted the tender of Messrs. G. Elliott & Son for the supply during the current quarter of cod-liver oil at 6*s.* per gallon, olive oil at 5*s.* 2*d.* per gallon, single trusses at 2*s.* 6*d.* each, and double trusses at 2*s.* 9*d.* each; Mr. J. A. Bolshaw will supply linseed at 14*s.* per cwt., and arrowroot at 4*d.* per lb.

The Isle of Wight Guardians have contracted with Mr. R. Smith, of Newport, for the supply of drugs and sundries to the workhouse for the next quarter.

The Stourbridge Guardians have accepted the tender of Messrs. Pearson (Limited), of Brierley Hill, for castor oil at 3*s.* 3*d.* per lb., Epsom salts at 1*d.*, linseed-meal at 1½*d.*, lint at 1*s.* 2*d.*, gamgee tissue 1*s.* 6*d.*, and guttapercha 8*s.* 6*d.*

The Supply of Drugs to Workhouses.

At a meeting of the Stafford Board of Guardians on June 16, the question of the drug supply to the workhouse was discussed. The medical officership had become vacant, and a committee appointed to go into the matter recommended that the Guardians themselves should in future provide the necessary drugs and medicines, and that the medical officer's salary should be fixed at 40*l.* per year. The retiring doctor had a salary of 50*l.* per year and an allowance of 3*l.* 3*s.* for drugs. The Local Government Board, however, suggested that this arrangement should be altered so that the Guardians might themselves provide drugs and medicines. This would involve an increase in the expenditure estimated at about 20*l.* per year. The Local Government inspector, who was present, urged that it was incumbent upon the Guardians to see that adequate drugs and medicines were provided for the patients, and the recommendation of the committee was adopted.

At a meeting of the Ross Board of Guardians on June 15 a letter was read from the Local Government Board stating that Mr. T. Matthews might be considered contractor for the dispensing and supplying of drugs and medicines to the Guardians. The L.G.B. were not prepared, however, to intervene in the settlement of the terms of the contract proposed to be entered into between Mr. Matthews and the Guardians. The matter was referred to the Sanitary Committee for settlement.

At the meeting of the Bridge Board of Guardians on June 15 attention was drawn to a charge of 1*l.* 2*s.* for "special medicines" in Dr. Moorhead's account. It was explained that this charge was for special and expensive drugs which the doctor had supplied for inmates of the Infirmary. It was decided by eight votes to three that in future the doctor should specify the special medicines he supplied.

Cricket.

Allenburys' C.C. *v.* Hewlett's C.C.—Played at Wadham Lodge on June 17. Scores: Allenburys', 110; Hewlett's, 84. The highest individual score was 42, made by Mr. F. C. Hanbury for the winners, for whom R. Little also compiled 27. For Hewlett's Symons contributed a useful 28. W. Little clean bowled seven of the Hewlett wickets and accomplished the hat-trick.

J. Murdoch & Co. C.C. *v.* Johnson & Jörgensen C.C.—Played at Willesden on June 17. Scores: Murdoch's, 138 (Beazley 41, Rolfe 36); J. & J., 76 (Gooding 23).

Burgoyne's C.C *v.* Davy Hill's C.C.—Played at Wadham Lodge on June 17. Result: Burgoyne's, 111; Davy Hill's, 88. Humble (48) was top scorer for Burgoyne's. Toombs bowled well for the winners and Sibley for the losers.

Fire.

On June 19 fire broke out in the warehouse of Mr. H. E. Noble, chemist, Peterborough Although several casks full of paraffin got alight, by timely aid the flames were subdued before much damage was done.

Fire broke out on June 19 in the sulphur department at the Globe Chemical-works, Widnes. The Corporation fire-brigade was promptly in attendance, and with a plentiful supply of water the flames were soon got under. There was an outbreak at the same works last Wednesday, but that also was extinguished without much damage having been done. Explosives of a very dangerous character are manufactured at these works, hence the fires caused great alarm in the neighbourhood. Some years ago, when the works were in flames, some burning liquor got into the public sewers, and the resulting explosions were so powerful as to blow up the heavy iron manholes in the vicinity.

An Overdose of Chloroform.

Sidney Richard Page, chemist's assistant, Aberavon, died from an overdose of chloroform on June 20. Whether the poison was taken inadvertently or otherwise is not known. Page had only been in the place a few weeks, and was there owing to the illness of Mr. J. J. Thomas, chemist.

Charges of Illegitimate Drug Dealing.

Jesse Mason, otherwise Mrs. Adelé Smart, again appeared at Wolverhampton Police Court, on June 15, on a charge of supplying a poisonous drug to a young woman for an unlawful purpose. Evidence for the prosecution having been given, prisoner, who traded at Mill Hill Grove, Acton, W., was committed for trial.

At Worship Street Police Court on June 21, Jas. Armitage Fox, described as a herbalist, of 1A Hackney Road, Philip Peron, and Harriet Annie Cross were charged with conspiring to incite a certain woman to take certain drugs with intent. Only evidence of arrest was given, the police-inspector testifying that he found at prisoners' house thousands of letters, several framed, apparently as testimonials. The name over the shop was "Madam Frain," and on the windows were some words advertising a medicine and "known all over the world." There were a number of bottles on the shelves, some containing medicine and some coloured water. Replying to counsel for the prisoners, he said there was every appearance of a legitimate business being carried on at the shop and of a trade in sarsaparilla at 1*d.* a glass. A remand was asked for and was not opposed by defendants' solicitor, who said the business was one which had been carried on for many years in a known and much-advertised medicine about which there was no concealment. A remand was accordingly granted, bail being allowed.

Chemist's Assistant Injured.

A slight explosion occurred on June 16 at the shop of Samuel Thornley (Limited), chemists and druggists, Snow Hill, Birmingham, and an assistant, Sidney Chavasse, was severely burned about the face and hands. He was promptly taken by Messrs. Thornley's manager to the General Hospital, where his injuries were attended to.

Don't Want the Girls!

About fifty apprentices employed in the cutting department at the glassworks of Messrs. Pilkington Brothers, St. Helens, have gone on strike. The cause of the trouble is the introduction of a number of girl employés into the cutting department for the first time. When the girls were brought in on June 19 the boys left work and approached their employers, who, however, refused to consider the matter unless the lads returned to their benches, which they in turn would not do. The matter is looked upon as a youthful escapade, and is now practically at an end.

L.C.C. Tenders.

At the weekly meeting of the London County Council on Tuesday last it was agreed, on the recommendation of the Main Drainage Committee, to invite tenders by advertisement for the supply of (*a*) 23,800 tons of lime for the Barking and Crossness outfall-works; (*b*) 5,550 tons of proto-sulphate of iron for the Barking and Crossness outfall-works; and (*c*) 25 tons of caustic soda for the Abbey Mills pumping-station.

Photographic Exhibition, 1900.

The date of the Photographic Exhibition, to be held next year at the Portman Rooms, is already fixed as April 27 to May 5. The announcement is made early so as to avoid clashing with other exhibitions, and to give exhibitors an opportunity to make suggestions to the management. Mr. A. C. Brookes, 15 Harp Alley, Farringdon Street, E.C., is the Secretary.

No Case.

At Greenwich Police Court on June 21, John Barton, who was accused (*vide C. & D.*, June 17, page 948) of obtaining 3*l.* 10*s.* from Mr. W. Ralph, chemist, Lee, by false pretences, was again brought up and discharged, the Magistrate, after hearing the evidence, stating that there was no case.

Articles at the Crystal Palace.

The Article Club Industrial Exhibition is still on view at the Crystal Palace, and a large party of Press representatives were invited to meet the exhibitors and the Article Club generally at a luncheon at the Palace on Saturday last, June 17. The exhibits were all in order, and representatives of the firms who sent them were in most cases present to explain things to the inquiring press-men. The exhibition is not a very extensive one, but it is exceedingly well produced, no exhibitor having spared expense to obtain a good effect. We have already (*C. & D.*, June 10) mentioned the chief objects of drug-trade interest, and it is not necessary to repeat the details. Mr. Laurence Cowen, the Hon. Secretary, was in the chair at the luncheon; and a very interesting speech was made on that occasion by his Excellency Sir Chih Chen Lo Fengluh, Chinese Minister Plenipotentiary, who expressed his love for England, its literature, its institutions, and its manufactures. The weather was warm, and the exhibition-managers at the commencement of the luncheon asked Mr. Johnson (of Fassett & Johnson) to give them some Florida water from his stand to sprinkle round the room Mr. Johnson promptly complied with the request, and two dozen bottles were sent for; but, to the disappointment of the Anglo-Chinese company present, the representative of Messrs. Lyons & Co., the caterers, politely vetoed the proceedings, expressing some alarm at the possible after-effects of what was, to him, the unknown compound.

Irish News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Personal.

Mr. Henry Francis Conyngham, physician and surgeon, son of Mr. Henry Conyngham, pharmaceutical chemist, of Dublin, has been appointed a Medical Cadet to the North Borneo Company.

Mr. J. Armstedt Ray, M.P.S.I., Dublin, has been appointed analyst for drugs and medicines to the Armagh and the Limavady Unions. Each appointment is worth about 15*l.* a year.

Mr. Robert J. Montgomery, L.A.H., and Mr. Edwin Lapper, F.I.C., have been appointed examiners in chemistry and physics to the Royal College of Surgeons in Ireland.

Business-changes.

Mr. John E. Lewis, L.P.S.I., Skibbereen, has opened a pharmacy in Main Street in that town.

Messrs. Hayes, Conyngham & Robinson (Limited), pharmacists, Dublin, are opening new branch premises in Blackrock, a neighbouring seaside resort.

Under the Hammer.

On June 14 the premises and effects of the late Dr. Frazer, L.P.S.I., Harcourt Street, Dublin, were disposed of by public auction. The sale attracted much attention, as the deceased possessed perhaps one of the finest private collections of chemical curios and *objets d'art* in the United Kingdom.

Singular Accident.

At Tralee last week an accident occurred to Mr. Peter Murray, a veterinary chemist, who, while driving to Brosna, raised the cover of a case of medicines and chemicals, and owing to a jolting of the car received some corrosive liquid in his face out of an uncorked bottle. His eyes are seriously injured.

Mysterious Explosion.

On June 17 an alarming explosion took place at a salt-mine in Carrickfergus. A loud noise resembling thunder was followed by a vast upheaval of earth to the height of fully 80 feet in the air. It is believed the explosion was caused by the ignition of an accumulation of gas. No one was injured.

Royal College of Science.

The report of the committee appointed to inquire into the buildings and site of the Royal College of Science for Ireland, Dublin, has just been issued. It is recommended that the new building be erected alongside the National Gallery in Kildare Street, running parallel to Merrion Square, and that the existing College be removed from its position on Stephen's Green to the proposed new site.

Slander-action Listed.

An action is listed for hearing in the Queen's Bench Division, Dublin, at the suit of a County Clare trader named O'Neill, against Dr. Michael O'Brien, a local medical practitioner, to recover damages for alleged slander, consisting of a statement made by the defendant to the police that the plaintiff sold carbolic acid for turpentine. A strong Bar is engaged on both sides.

Will Retire for a Consideration.

The Limerick County Council want to dispense with the services of Sir Charles Cameron, who has held the position of analyst to the Council for the past twenty-five years, in favour of a local man. Sir Charles has taken legal advice in the matter, and informs the Council that as dismissal is equivalent to abolition of office he is willing to retire for the consideration of 500*l.*, but not otherwise.

The Agreement must Stand.

In connection with the recent bankruptcy of Mr. Charles H. Roche, proprietor of the pharmacy, Mallow, an action to compel the bankrupt to adhere to an agreement regarding the sale of his premises in Grand Parade, Cork, has been brought against the debtor and the assignee. It appeared that the premises were sold for 1,000*l.* to a religious order, and it was sought to null the transaction on the ground that the bankrupt was not at the time in the full possession of his faculties, and did not understand the nature of the contract. After hearing evidence the Master of the Rolls made a decree for specific performance, stating there was no evidence to show that the bankrupt was incapable of transacting business, and that the sum of 1,000*l.* was a fair price to pay for the premises.

Bottle-battle.

At the Athlone Petty Sessions on June 17, twenty-two summonses were entered against Messrs. Keely & Brennan, mineral-water manufacturers, of that town, at the instance of the Mineral-water Manufacturers' Association, Dublin, the assenting members to the prosecution being Messrs. Hovenden & Orr, chemists, Bewley & Draper, wholesale druggists, Hamilton, Long & Co., State apothecaries, and others. The charge was that the defendants used bottles belonging to the members of the Association by bottling their own minerals in them, and sending them out to the public with a false trade description, in contravention of the Merchandise-marks Act of 1887. The defendants elected to be tried summarily. Evidence was given by Mr. W. J. Knight, secretary of the Mineral-water Manufacturers' Society, that all the manufacturers in Dublin belonged to the prosecuting Association. The Dublin houses saved 2*s.* a gross by direct exchanges, which the provincial houses had to pay. The defence was a plea that the conditions of exchanging bottles were harassing to the local trade, as retailers would not deal with the small manufacturers if they had the trouble of sorting the bottles. The Bench considered there had been merely a technical breach of the law, and by consent it was agreed to take a verdict for the plaintiffs in five cases at 5*s.* each and 1*l.* costs.

A Question of Liability.

At the Londonderry Quarter Sessions, an action was brought by Messrs. Noble & McLelland against the Ulster Chemists (Limited) to recover 50*l.*, two years' rent up to November 1 last of premises in Lower Clarendon Street and the Quay, under an agreement dated September 30, 1896, between the plaintiffs and Messrs. Galbraith & Co., pharmacists. Mr. Charles McLelland proved the agreement and the rent due, and stated that the place was in the possession of Messrs. Galbraith & Co. up to 1897, when it was sold to the defendant company. The defence was that the rent was due by the previous tenants, and that the Ulster Chemists' Company was not liable. Mr. Samuel Gibson, registered druggist, managing director of the Ulster Chemists' Company, said his company bought the place in February, 1898 but they had taken over the premises from the previous November. They got an assignment of the retail premises, but they did not take over the debts or liabilities of the previous tenant. Plaintiffs' counsel handed witness an account in which there were items for Galbraith & Co. and the present defendants, and asked how he explained this in the face of his statement that the Ulster Chemists did not take over the debts and liabilities. Witness said that their book-keeper could explain. Plaintiffs' counsel said his clients were entitled to a decree, as it was the defendants' duty to see that the rent was paid before taking over possession of the premises. The Recorder gave a decree for one year's rent (25*l.*), with costs.

Scotch News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

The Election to the Executive.

Mr. W. S. Glass, 193 Morningside Road, Edinburgh, desires to tender his best thanks to the gentlemen who recorded their votes in his favour in the election of the Executive of the North British Branch. Although not elected, he states: "Any service I can render for the advancement of the interests of chemists shall be gladly undertaken."

Aërated-water Bottles.

Judgment was given by Sheriff Maconochie at Edinburgh on June 15 in a recent prosecution, under the Merchandise Marks Act, of W. & J. Jenkinson, aërated-water manufacturers, Leith, at the instance of Neilson Brothers, aërated-water manufacturers, West Calder. His Lordship found that Messrs. Jenkinson had been selling aërated water in bottles bearing the names under which the complainers traded, and a penalty of 1*l.* for each offence (four) was imposed, the two partners of Messrs. W. & J. Jenkinson being found liable in half expenses, 4*l.* each.

Chemists' Day Out.

The Edinburgh and District Chemists' Trade Association had their sixth annual excursion on Wednesday of last week. A large company left Edinburgh by special saloon train at 8.35 A.M. for Perth, where they were joined by contingents from Glasgow and Dundee. From Perth they drove fifteen miles by way of Bankfoot to Birnam Hotel, which was the headquarters for the day. Here dinner was served, Mr. David McLaren (President of the Association) occupying the chair, and Mr. George Lunan the vice-chair. After dinner Mr. David Storrar proposed "Success to the Edinburgh

Chemists' Annual Picnic," which was acknowledged by the Chairman and Mr. C F. Henry, Hon. Secretary. The large company of about 170 then proceeded to enjoy themselves in various ways till tea-time at 4 o'clock, the locality being crowded with scenes of historic and natural interest. Mr. Kenneth Macdonald, chemist, Dunkeld, acted as a guide to the locality, and had made special arrangements for their admission to the grounds of the Duke of Athol. The special train reached Edinburgh about 9 45 P M. By general consent the picnic was declared the most successful that has yet been held.

French News.

(From our Paris Correspondent.)

AN ASSOCIATION OF PHARMACISTS' ASSISTANTS has been formed at Marseilles on similar lines to that of the progressive "Pharmacists' Assistants of France" already existing at Paris.

PARIS SOCIETY OF PHARMACY.—At the meeting of the current month it was announced that M. Griffiths, of London, had presented the Society with a collection of his works, and proposed his candidature as a corresponding foreign member. Amongst the papers read was one of some scientific interest, by M. Portes, concerning crystallised bicalcic phosphate. The meeting terminated with a discussion on the reports of the sub-committee of the Codex revision, and a special meeting of the Society was held on Wednesday last, June 21, on the same subject.

STUDENTS' STATISTICS.—The total number of students at the French Faculties and Colleges this year is 28 264, including 817 ladies. These include 1,377 male foreigners and 258 females from abroad. The Schools of Pharmacy muster 2,966 students, while 3,343 frequent the Faculties of Science, and the unfledged doctors number 7,758. The Paris University alone boasts 11 827 students, 1,524 for pharmacy, 1,278 in science, and 4,072 medical. The foreign element here totals 363 males and 129 females. Among the latter 2 ladies are inscribed at the School of Pharmacy, 13 at the Faculty of Sciences, and 88 at the Faculty of Medicine.

THE CHEMICAL CONGRESS OF 1900.—The decision taken last year at the Vienna Congress is to be carried out, and the fourth International Congress of Applied Chemistry will be held in Paris next year during the Exhibition, under the patronage of the French Government. The meetings will be held from July 23 to 31 at the New Sorbonne, by the courtesy of the Rector of the Paris University. A definite programme will be issued next autumn, giving the names of the members of the ten committees into which the Congress will be divided and other details. M. Berthelot will be the President of Honour, M. Henri Moissan the President, and M. F. Dupont (of the Analytical Chemists' Association) Secretary.

THE PHARMACIEN'S BURDEN.—A somewhat delicate question of responsibility was involved in a case tried in Paris a few days ago. It turned on an error in dispensing medicine. The prosecuted pharmacist had inadvertently used sulphate of zinc, instead of sulphate of soda, in making up a preparation of Glauber salts. His defence was that the mistake originated with the wholesale chemists, who had supplied him the wrong article. This firm also figured as defendants, and imputed the blame to a carman, who had been sent to a chemical-works at St. Denis for sulphate of soda and had brought sulphate of zinc instead. The plaintiff, whose life had been seriously endangered by taking the falsified salts, appeared to give evidence, apparently in restored health. After hearing evidence on both sides, the Court gave judgment against the defendants, holding them responsible for the accident, but in different degrees. The pharmacist was sentenced to a month's imprisonment, while the wholesale chemists and their carman were each mulcted in a fine of 100 fr. (4*l*).

THE CHEMISTRY OF POTTED MEATS.—One of the principal reasons for which the Chemical Laboratory of the Paris Municipality exists is for the purpose of keeping a careful watch over the food-supplies of the city. Its inspectors have the right to go where they like, and buy, or otherwise obtain, samples of articles of food. But it transpires that there are branches of the food-trade in which fraud has been carried on with comparative impunity, for a time at least. A manufacturer of potted meats, named Person, who had been in the trade eight years, and appears to have enjoyed a good reputation, came before the Paris Magistrates recently, when it was alleged, on the evidence of a discharged workman, that M. Person produced his preserved foods—partridge, duck, snipe, pigeon, pig, or hare—from dead horses, the flesh being treated with vinegar, rum, spices, sausage-meat, &c. Appetising coloured labels on the tins and pots were set off by the letters "M.H." When the Magistrate in court accused the defendant of deceiving the public, the latter referred to these letters as meaning "Mélange hippophagique," and denied any intention of deceiving on the ground that "every intelligent person knows that potted meat spells horseflesh." A municipal inspector complained of the quality of the horseflesh used, and finally M. Person was sentenced to eight months' imprisonment and a small fine.

A MAN OF MANY PARTS.—M. Kauffeisen, a pharmacist of Dijon, is a collector of rare and curious documents concerning his profession. He has lately discovered in an almanac of the last century the following announcement by an apothecary. It loses something of its quaintness when reproduced in modern French, and still more when translated:—"Barber, hairdresser, midwife, pork-butcher, and oil and colour merchant. Shaves for a halfpenny, cuts hair for a penny, and powders and pomades well-bred young ladies for market days. Lights lamps by the year or quarter. Noblemen taught grammar in the neatest style, morals supervised, teaches boys the duties of citizens and girls the rights of man. Writing, spelling, and plain-song taught, and horses shod in a masterly manner. Makes and mends boots and shoes, teaches the hautbois and mandoline, cuts corns, paints signboards, and applies plasters at lowest prices. Grinds razors, administers purges, applies clysters at a halfpenny apiece, and gives home lessons in quadrilles and dances. Sells (wholesale and retail) all branches of perfumery, blacking, bloaters, gingerbread, brushes, mousetraps, and other preserves, cordial roots, potatoes, beans, sausages, beer, girls' ribbons, and other comestibles." Unfortunately the title of the almanac, "The Facetious Waker-up—each tale truer than all the rest," does not encourage our faith in this accomplished gentleman, who was very likely the original of the familiar Roger Giles of English rural districts, not to say of the modern Universal Provider.

M. LAUTH, Director of the School of Physics and Chemistry founded by the city of Paris some fifteen years ago, is fully convinced of the seriousness of German competition, and equally sure that the only way to combat it is to place highly-instructed young chemists in French chemical-works. At the recent annual banquet of the Paris Syndicate of Chemical Manufacturers he asked the members (1) to what branch of study he should particularly direct his pupils' attention, and (2) if the Syndicate would found one or more scholarships. He explained that in his school the first eighteen months are devoted to mathematics, physics, and chemistry, and that for the next eighteen months each pupil chooses his own branch. He is of opinion that the development of electro-chemistry is a strong argument in favour of this system of teaching the two sciences (physics and chemistry) under the same roof; but he thinks a fourth year of study should be added to the curriculum, and he asked for suggestions on the best way of profiting by it. Should he specially teach the heavy-chemical industry or direct his pupils' attention to pharmaceutical products, perfumery, dyeing, and textile colour-printing? In reply, M. Hebré dwelt on the importance of electro-chemistry, and M. Marquet de Vasselot said he was constantly receiving applications regarding the American process of tanning hides by chrome. It was understood that other members might communicate with M. Lauth. As to the scholarships, the Syndicate felt that its budget would not support this, but M. George Lefebvre (the President) said he would endeavour to find persons disposed to endow the school, and M. Adrian mentioned that he had already collected sums for laboratory-apparatus for the use of the pupils of the late Professor Friedel.

Colonial and Foreign News.

A Hamburg Apotheker (Dr. Bach), who was lately proprietor of a druggist's shop in Hamburg, stands charged with the murder of a boy, who was shot in a railway train not far from Trieste. Bach appears to be insane.

To Keep up the Quality.—In order to assist in keeping up the quality of drugs imported into Canada, the Dominion Government proposes to introduce a Bill into the next Legislature requiring importers to affix labels to parcels of drugs imported which will state to what Pharmacopœia the drugs belong.

The P.A. of A.—The annual meeting of the Proprietary Association of America was held at New York, the session lasting from June 6 to 9. The convention was well attended, and the indications pointed to a determination not to supply stores which sold proprietaries under standard prices, and to endeavour in every way to protect the *bonâ-fide* retailer.

Sale of Potassium Chlorate in Germany.—A Berlin Court has lately decided in two cases that potassium chlorate is to be regarded as a poison under the Act of 1895, and not a drug according to the Imperial order of 1890, under which anybody could sell it. Now only apothekers will have that privilege, and the druggists object to such restriction being placed upon a useful and comparatively harmless drug.

Commercial Education in New York.—Some time ago we reported a movement in New York for the better promotion of commercial education. The School Board have now selected a site for this high school, in which, when completed, the two years' curriculum will comprise daily lectures, analysis of consular and other trade reports, and whatever may be resolved upon as likely to furnish means to successful competition in trade.

The Eau-de-Cologne Label.—Barasch Brothers, a Breslau firm, were fined 600m. on June 2 for selling eau de Cologne which, according to the label, came from Johann Maria Farina in Cologne, but was not obtained from the Gegenüber dem Jülichsplatz firm. It was stated at the inquiry that the proprietors of the original firm should at least be protected from an infringement of their trade-mark when there are about thirty eau-de-Cologne manufacturers in Cologne of the name of Farina.

Death of the Shorter Hours Bill.—The Bill seeking to regulate the hours of drug-clerks in New York has received its quietus—for this year at least—Governor Roosevelt having refused to sign it. This Bill, which has been the cause of an astonishing amount of heartburning and vituperation during the past session, was promoted by the Druggists' League and vigorously pushed forward until the last stage in the struggle had been successfully reached before the final death-blow came. The pharmacists of New York were almost unanimous in their condemnation of the measure, and the assistants themselves seem to have given it only a half-hearted support. Governor Roosevelt gave as his reasons for not signing the Bill the fact that the drug-clerks were hopelessly divided on the question, and after having made many independent inquiries into the matter he had come to the conclusion that less injustice would be done if the Bill were shelved for another year in order that a measure less drastic and more suitable to general requirements might be promulgated. There was no question, he said, that there ought to be shorter hours for drug-clerks, and many proprietors had behaved with extreme shortsightedness in opposing any proper measure. Should this attitude of mere obstruction be continued, it would probably result in the necessity of accepting any measure no matter what crudities it might contain rather than submit to total lack of relief. The Governor said he had received more communications on the Bill than on any other measure, and two-thirds of those opposed it. The result has been received with much jubilation by pharmacists, and the beaten Druggists' League threaten an agitation for the abolition of the New York City Board of Pharmacy, because its members had opposed the Bill.

South African News.

(*From our Correspondents.*)

Sir Alfred Milner as Apotheek.—It is not often the South African cartoonist touches the "knight of the pestle" when trying to sketch public opinion, but the *South African Review* has made Sir Alfred Milner a good apotheek. *A propos* of the present situation, Sir Alfred is shown rubbing up "Franchise" in a mortar with a little Milner's safe-cure. Oom Paul, the customer for the physic, is seen at a respectful distance from the compounder.

Photography as a Side-line.—That chemists can compete in the practical work of photography, as well as in selling the materials, was demonstrated in Cape Town on May 18, at the unveiling of the statue of Van Riebeek, presented by the Right Hon. Cecil J. Rhodes. During the ceremony a plate was exposed by Messrs. Heynes, Mathew & Co., chemists and druggists, and that firm had pictures on sale in an hour and a half—actually before the ceremony was over.

Trade-marks Registration.—As there is a growing disposition on the part of American and English firms to register their trade-marks in South Africa, it may be useful to state the conditions upon which such marks are obtained. In the Transvaal the duration of protection is indefinite. There is no statutory provision for application by companies or firms, but the signature of any person or persons authorised by the trust deed or deed of partnership to sign papers (usually the director or secretary in the case of a company, and a member in the case of a firm) is accepted by the registrar. For the registration of marks used by firms with places of business outside the Transvaal there are required—(1) a power of attorney, signed, witnessed, and attested by a notary, and legalised by counsel for the South African Republic; (2) an application made on the form provided by the Act; (3) six copies of the mark; and (4) an engraving of the mark if it requires illustration. The application-forms have to be filled in in Dutch, and it is therefore advantageous to employ an agent to effect registration, the cost of which is generally eighteen guineas. In Cape Colony two Acts control the registration of trade-marks, one passed in 1877 and the other in 1895. The conditions are practically the same as in England, and the registration costs about nine guineas. In Natal the fee for registration is ten guineas, otherwise the conditions are the same as in Cape Colony.

Cape Imports and Exports in 1898.—The report of the Chief Collector of Customs for Cape Colony has just been published as a Blue-book. It shows the total imports to have reached the value of 15,264,949*l.*, fully a million less than in 1897. The following are the items which most interest the drug and chemical trades, the figures which we give referring to the articles entered "for consumption in this colony," which phrase is explained later:—Drugs and chemicals, 307,498*l.* (15,630*l.* more); dynamite and blasting compounds, 2,442,835 lbs. (3,739,147 lbs. less), value 115,170*l.*; linseed and paint oils, 146,843 gals. (decrease 2,770 gals.), value 12,922*l.*; paints, turpentine, and varnish valued at 65,691*l.*; photographic materials, 23,944*l.*; sheep-dip, 43,002*l.* (14,680*l.* less); soap, 13,221,657 lbs. (increase 852,868 lbs.), value 103,185*l.*; spices, 516,954 lbs. (increase 32,447 lbs.), value 12,070*l.*; flowers of sulphur, 12,684 cwt., value 5,370*l.*; wax, paraffin and stearin, 1,769,649 lbs., value 15,827*l.* Many of these goods pass through Cape Colony, and it seems ridiculous for the director to say that they are "for consumption in this colony," when he afterwards analyses the figures, and shows that parts of the whole are destined for other States and territories in South Africa. For example, of the 307,498*l.* of drugs and chemicals 17,701*l.* went to the Orange Free State, 555*l.* to Basutoland, 378*l.* to the Bechuanaland Protectorate, 121,016*l.* remained in Cape Colony, 8,932*l.* went to the Zambesi, and 158,916*l.* to the Transvaal. The exports from the Cape included 396,016 lbs. of aloes, or 65,879 lbs. less than in 1897, the value being 2,315*l.*, or only 11*l.* less. There were also 128,639 lbs. of argol, valued at 2,540*l.*, and 165,262 lbs. of buchu-leaves (increase of 73,668 lbs. over 1897), valued at 2,038*l.*

Pharmaceutical Society of Great Britain.

NORTH BRITISH BRANCH.

A MEETING of the Executive of the North British Branch of the Pharmaceutical Society was held on June 16, Mr. J. Laidlaw Ewing (Chairman) presiding. The only public business was the reading of the scrutineers' report of the voting for the new Executive by Mr. RUTHERFORD HILL, Assistant-Secretary. The report was approved of for submission to

THE ANNUAL MEETING

of members which was held thereafter, Mr. Ewing again presiding. There was a good attendance.

THE CHAIRMAN'S ADDRESS.

The CHAIRMAN, in the course of his address, expressed satisfaction at the large number—a record one—nominated for the election of the Executive. There was an increase of 158 in the number of voting-papers issued, and of 55 in the number returned. Of the associates not in business in Scotland at the passing of the Act of 1898 about 70 per cent. had already become members. But they still ought to have a much larger membership in Scotland. Reviewing the examinations, he said there were nine Major candidates at the examinations during the year—the same as last year; but the percentage of passes was 44·5, as compared with 11 last year. There had been again a decrease in the number of Minor candidates, which was 467, as compared with 548 last year. The percentage of passes had, however, increased from 33 last year to 34·9 this year. There had been a marked improvement, especially in practical work, by students, but botany seemed to be a difficulty with a good many, chiefly owing to a want of practical acquaintance with the plants, and a too slavish adherence to mere bookwork. Their evening meetings had been generally largely attended. A number of useful books had been added to the library, and the new library and reading-room had been greatly appreciated. There had been an increased circulation of volumes during the year. The cleaning and painting of the Society's house had been completed at an additional cost of 40*l*., and the premises were in thorough repair. Referring to the Lord Chancellor's Pharmacy Bill, the Chairman said: No Bill emanating from a Government Department had ever dealt with pharmaceutical matters in a way that commended itself to practical pharmacists, and whatever the Lord Chancellor thought of the suggestions of the Council to him, they were made in good faith, and it would have been more courteous and better calculated to facilitate useful legislation if he had submitted a draft of his Bill to the Council and invited their opinion before it was introduced into Parliament. The clause as it stood did not commend itself to their judgment, and they felt compelled to insist upon its abandonment in its present form. The circumstances were complicated and difficult to deal with, and they must have time to consider very carefully what particular form of legislation was most likely to commend itself to Parliament, and at the same time sufficiently protect the practice of pharmacy so as to adequately secure the public safety in accordance with the object and policy of the Pharmacy Act of 1868. It was reasonable and proper that in a matter of this kind the Government should consult the Society, whose statutory duty it had been to administer pharmacy-law for so many years. The Chairman alluded to the retirement from the Board of Examiners of Professor Gibson and Mr. Maben, and from the Executive of Messrs. Kermath, Hardie, Moir, and Coull, with some complimentary references to their services; and concluded with a mention of the retirement of Mr. Walter Hills from the presidential chair of the Society.

ELECTION OF EXECUTIVE.

The ASSISTANT-SECRETARY then read the report of the scrutineers for the election of the Executive for the ensuing year, stating that 564 nomination-papers had been issued on May 24, and the papers returned showed that 81 members had been nominated, of whom 34 had signified their willingness to act if elected. The voting-papers returned numbered 252; informal 6. The result of the poll was as follows:—

W. L. Currie, Glasgow	223	J. H. Fisher, Dunfermline	158
J. L. Ewing, Edinburgh	218	D. Mitchell, Inverness	155
C. F. Henry, Edinburgh	208	G. M. Ayre, Perth	144
C. Kerr, Dundee	199	W. Burley, Edinburgh	136
Peter Boa, Edinburgh	196	J. A. Russell, Glasgow	136
J. Bowman, Leith	194	D. Gilmour, Dunfermline	107
A. Strachan, Aberdeen	189	W. B. Cowie, Edinburgh	96
R. McAdam, Glasgow	177	J. Tocher, Dumfries	92
D. McLaren, Edinburgh	169		

The above seventeen gentlemen form the Executive for the year. The following were the unsuccessful candidates:—

J. Foster, Glasgow	90	W. G. Robertson, Cupar-Fife	64
A. Naysmith, Arbroath	90	A. J. Dey, Edinburgh	59
T. Harley, Perth	77	W. S. Glass, Edinburgh	53
C. A. Macpherson, Edinburgh	77	J. H. Thomson, Lochee	43
S. Lawrence, Oban	74	R. I. McDougall, Leith	41
C. Cummings, Dundee	71	A. B. Anderson, Dundee	40
A. Hunter, Edinburgh	67	F. McDiarmid, Leith	39
D. Watson, Glasgow	66	W. C. Baker, Edinburgh	38
		W. Swan, Edinburgh	33

Mr. MABEN, in moving the adoption of the report, said there was evidently a great demand for seats on the Executive, which seemed to be regarded as important, although its importance this year was somewhat minimised by the fact that its report had not been recognised, or at least not published, as he thought it might have been. The result seemed to show that possession was nine points of the law, as no former member of the Executive had been rejected.

This was seconded by Mr. LUNAN (Edinburgh), and adopted.

The CHAIRMAN declared that the seventeen members whose names stood first—with the President and Vice-President of the Society, Mr. John Johnston (Aberdeen) and Mr. David Storrar (Kirkcaldy), as *ex-officio* members—would form the Executive for 1899–1900.

Votes of thanks to the scrutineers and to the Chairman concluded the proceedings.

"PRACTICAL METHODS OF URINE-ANALYSIS."

THIS is truly a most practical and useful little handbook. Within its forty-eight pages is tersely and clearly presented the information which one needs who is about to take up the profitable work of urinary analysis. The physical characteristics and composition of urine, the ordinary physical tests, and the qualitative chemical tests for the more common and dangerous abnormal constituents, are first considered in turn, and then the author passes on to treat of the various sediments and deposits found in normal and abnormal urine, and to give illustrations and microscopical descriptions of these. The last portion of the book is given up to quantitative analysis, with notes on polariscopic and spectroscopic methods. Descriptions of apparatus and formulas for test-solutions are given throughout the work. The chief characteristic of the book is its eminent practicality, and its only disadvantage for American pharmacists is that the several bits of apparatus described and recommended are of foreign birth.—*Bulletin of Pharmacy.*

The best that the *Chemical Trade Journal* has to say of the book is that "as far as practicability goes the brochure is all that it seeks to be, the selection of methods being carefully restricted so as not to put any undue strain upon the resources of the pharmacist's 'Analytical Department.' The justification or otherwise of the booklet from an ethical point of view is not for us to adjudicate upon, though we fancy the opinions of the Institute of Chemistry and the Society of Public Analysts would cause the author to suffer severe inflammation of the auricle, particularly in the regions of the helix, anti-helix, and lobule."

HOW MANY ENGLISHMEN can write better Italian than the English of this circular, which was received by a business man from a dealer in pumice-stone at Messina?—

Messrs.

Having ben favory sed of your honorable Adress by a Friend e honwing that you a strung Importes of Lump-Pumice Stone and Powdered Pumice Stone.

I take the liberty to write to you mi prices hoping to comlue some business.

The Chemists' Exhibition.

THE Agricultural Hall, Islington, has been given up this week to the worshippers of Æsculapius. It is not long since the disciples of Mars were drawing crowds thither, and the monster hall resounded with the clang of arms and many other signs of popularity which we poor pharmacists cannot hope for in these days of hard-hearted Lord Chancellors. So there is no need for us to create comparisons. Pharmacy with its adjuncts must fend for itself, and it is the misfortune of the Chemists' Exhibition, not its fault, that the setting to the numerous artistic stands in it is the antithesis of the taste displayed by individual exhibitors. Nor is this a reflection upon our contemporary, the *British and Colonial Druggist*, under whose auspices the exhibition is promoted; it is one of the drawbacks of London that business and art in exhibitions rarely succeed together.

It appeared to us that, although the exhibits this year are not so numerous as last year, there were several highly creditable displays, and it is scarcely possible to do these full justice in brief annotations. We aim in what follows to describe generally the nature of each exhibit, especially noting those things which were set forth as novelties. We take the exhibits alphabetically, although that is not a system recognised either by catalogue, sequence, or time. We write in the past tense, but may explain that the exhibition remains open until this evening (Friday, June 23).

ABROLIS (LIMITED) had a stall of Abrolis table-water, which is bottled from the oldest Roman spring in Germany. Photographs of the spring and bottling-works were exhibited on the walls, and the bompany gave away vesta-boxes as souvenirs.

AËRATORS (LIMITED), Broad Street Avenue, E.C., were displaying the well-known "Sparklets" for the production of aërated waters. Since we first brought this clever invention under the notice of the trade the company have established very complete works south of London, where they manufacture the steel capsules, and produce, purify, and liquefy the carbonic-acid gas, so that what at first seemed likely to be a French production is now entirely of British manufacture. The idea has also caught on so well that the company can scarcely keep pace with the demand for the aërating bottles. We noticed that they have a complete side-line, consisting of tablets for mineral waters and fruit-flavour powders, so that such things as seltzer and potash waters, lemonade, and ginger-ale can be equally well made in the "Sparklet" bottles.

The AMIRAL SOAP COMPANY (LIMITED) devote their energies to the preparation and sale of Amiral soap, which, as we have before explained, is a soap for reducing corpulency by external means and without change of diet. According to the testimonials the treatment is singularly successful

ANDREAS SAXLEHNER, of Budapest and Charing Cross, W.C., has but one article to exhibit—Hunyadi Janos water—and it was exhibited well, the corners of the stand being filled by mammoth bottles which chemists may get for show-purposes by asking for them.

The ANGLO-AMERICAN OPTICAL COMPANY had an exhibit of sight-testing apparatus and spectacles. The use of the Javal ophthalmometer was being explained. A speciality is made of gold-filled goods, and some new varieties in pince-nez were shown. The company carry on a school of optics for teaching sight-testing and preparing pupils for the examinations of the Spectacle-makers' Company and British Optical Association. The present and past pupils include many chemists, some of whom have turned the knowledge there acquired to considerable financial advantage.

The ANGLO-CONTINENTAL CHEMICAL-WORKS (LIMITED) were showing the "Tigress" brand of saccharin, and, among other new drugs, kryofine, an antipyretic and analgesic, which is claimed to be especially effective in reducing the high temperature of phthisis. Kryofine is methyl-glycolate of phenetidine, and the dose is 8 gr. to 15 gr.

The AUTOMATIC SIGHT-TESTING AND OPTICAL-SUPPLY COMPANY (LIMITED) showed their sight-testing machines, which are familiar objects in many of the London railway stations. They also had a show of spectacles and folders, and new orthoptic-spectacles for the use of shooters.

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BARCLAY & SONS (LIMITED), of Farringdon Street, E.C., made an exceedingly varied exhibit of druggists' sundries, photographic appliances, and counter-specialities. It is always difficult for a reporter to know where to begin with displays of this character, but there were a few articles brought under our notice as novelties which we may specially refer to. First of these was the Plymouth lime-juice cordial, manufactured by Mr James Maurice, of Plymouth, an excellent preparation, put up in brandy-bottles to sell at 1*s* each, and there is the "Komphy" pneumatic saddle for cyclists. This is a self-inflating air-cushion. We observed in the exhibit a complete line of manicure-cases, and a series of penny lines, such as head-ache-powders and foot-powder, put up well, and attractively shown on cards. A better line was exhibited in 6*d*. tins of tooth-powder—large tins, and shown on an effective card. One of the prettiest novelties that we have met with for some time was shown by Messrs. Barclay. It was an imitation carnation, with the delicate pink scent of the natural flower, and the petals felt to touch as if they were living. Here also we noticed a xylonite developing-tray with a thumb plate-lifter, which is a great convenience. Photographic goods are becoming a big side-line with Barclay's—thanks to Mr. George Barclay's practical enthusiasm in the art.

MR. S. H BENSON, the Fleet Street advertising-agent, exhibited the Rowntree window which he had at the Advertisers' Exhibition, as well as other striking window-attractions.

Mr. T. P. BETHELL, of Liverpool, made a good exhibit of his cheap cameras, "Imprimis" and "Crown," which sell at 2*s*. 6*d*., 5*s*, and similar low prices. Mr. Bethell also showed bottle-cartons, chemical fly-papers, and card-board boxes. It was an effective exhibit.

B. BLAIR & CO, the proprietors of the Instra warmers, exhibited the newest use for Instras in the shape of a basket for keeping a dinner hot. The plates in the basket felt quite hot, and we were assured that the heat would be maintained for some hours.

BOTWRIGHT & GREY, Clerkenwell, had an exhibit of opticians' goods and of barometers and thermometers. On one side of the stall were shown spectacle-lenses cemented on to concave or convex moulds for grinding-purposes, and some very fine specimens of crystal from which pebble lenses are made. There was a selection of trial cases. One containing 30 pairs of concave and convex sphericals, 15 pairs of cylinders, and 12 prisms we noticed as a useful set for chemists' use. Such a set costs 6*l*. 10*s*., a little more if the lenses are mounted. Mr. Grey was explaining how to use De Zenge's refractometer for sight-testing, and the methods of using lens and prism testers, and the new Maddox cylinder-axis finder.

BOVRIL (LIMITED) were making a push of Virol, and if people asked what it was made of they were referred to a stand piled with barley, eggs, lemons, and marrow-fat. Virol is not a new article, but under new proprietorship is destined to take a new lease of popularity as a cod-liver oil substitute and general nutrient.

Mr. F. J. BRETT was in attendance part of the time, and prepared to arrange for the transferring and selling of chemists' businesses At the time of our visit he was busy interviewing with much earnestness a possible client.

T. F. BRISTOW & CO. had a soap-exhibit. Special lines were the Violette de Parme soap, and Lonbet's Poudre de Riz de Java, which are being pushed just now. The stall was a general display of the soaps turned out by the firm, and there were shown in the original packages.

The BRITISH MACHINE COMPANY (LIMITED), of Halifax, are makers of registered tills under Jackson's patent. These are of the mahogany-cashbox type which are used with a roll of paper. One of the most attractive of the

specimens exhibited was a mahogany desk, the left-hand side of which is a till and the right side the desk. More ingenious still is the automatic voucher-till, which prints dates and delivers a receipt for the amount of a purchase by the mere action of pulling out the till-drawer. The automatic printing is simply done by a cylindrical indiarubber stamp, under which is a roll of paper about 2 inches wide, which extends across the machine immediately under the paper upon which the entry of the sale is made, and as there is transfer-paper between, when an entry of the amount is written it is transferred to the voucher-paper simultaneously, and when the drawer is pulled out the paper runs below the indiarubber stamp, and the voucher is ready for tearing off. The company also showed some ingenious coin-exhibiting devices attached to registered tills.

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LUIGI CASTIGLIA & Co. are a firm of sponge-fishers whose head depôt is in Naples. They make a feature of supplying small cases of sponge, each containing six assorted sizes, making it unnecessary for a buyer to lay in very large stocks.

CHAMELEON PATENTS MANUFACTURING COMPANY were showing the features of the "Chameleon" fly-catcher to chemists, and illustrating the simple method of coating the strings, which we have so recently described.

Mr. F. CHARLES exhibited his advertising-novelties. They were an excellent assortment of nicknacks, chiefly of celluloid.

THOMAS CHRISTY & Co, Lime Street E.C., exhibited drugs and pharmaceutical preparations, many of which we have previously noticed. A new concentrated green colour, called "Evergreen," seems to be a useful article to chemists now that there is a rage for tinting all kinds of medicinal liquids and perfumes. Collapsible tubes were another feature of this exhibit, and not only the tubes, but apparatus for filling and closing. We also noticed samples of sterile syrups of blackberry and raspberry, which are of excellent flavour and colour, and of re-precipitated milk-sugar, which is distinguished from other kinds in being free from even traces of casein.

F. S. CLEAVER & SONS, of Red Lion Street, W.C., had a very striking scenic display to introduce a superior form of terebene soap which they have had ready for a very few months. The background was a coloured transparency representing the Rocky Mountains, which was ingeniously lighted up with electricity, and as the enclosure was otherwise entirely darkened, this made an exceedingly effective relief to the display of soap laid upon a moss and fir-cone base. Messrs. Cleaver are judiciously making more liberal use of the fact that the soap contains the health giving properties of the pine-tree, and the new style of soap with its elegant wrapper embodies all the latest refinements in soap-production. As an attraction to customers, the makers offer a 2*s.* 6*d* bottle of perfume to anyone who returns to them twelve of the wrappers. The retailer has also been considered by fixing the price at 6*d.* net per cake, or 1*s.* 6*d.* per box, and Messrs. Cleaver promise to maintain it at that. The firm had displays of their other soaps and perfumes alongside the Rockies.

LA COMPAGNIE "AMORETA" exhibited Amoreta soap—a soap attractively wrapped and nicely scented. The company arrange window-displays, and with all orders give away a high-class framed engraving advertising the soap.

EDWARD COOK & Co. (LIMITED), East London Soap-works, Bow, E, were ensconced in a house of soap. The exterior walls of the exhibit were made of boxes of the various kinds of soap turned out by the firm, and inside the structure was a cosy room for receiving orders in, and, as the afternoon progressed, for dispensing much appreciated cups of tea. The "St. Julian tablet," which readers of the *C. & D.* are already familiar with, was being shown in use, and its absolute freedom from grit demonstrated. On account of this latter fact the tablet can be used for cleaning glass and metal without fear of scratching.

The CORK COMPANY (LIMITED), whose dry-process corks are familiar to our readers, had an exhibit. Posters repeating what THE CHEMIST AND DRUGGIST has said about the Maxa brand corks formed a prominent object. Some photographs of the Leith works gave an idea of the size of the firm's business.

HARRY W. COX (LIMITED) was exhibiting apparatus for radiography and wireless telegraphy, but we observed nothing new beyond what we have already described.

CRESSWELL BROTHERS & SCHMITZ, Red Lion Square, W.C., had a very complete display of sponges arranged in sections, one side showing Mediterranean sponges, both honeycomb and Turkey, as well as Egyptian. Another side was made up of Cuban and West Indian varieties, a third of Florida sponges, and exhibits of carded and box sponges, as well as loofahs and toilet-accessories of that nature, were included. The firm are making a feature of cases of honeycomb-sponges in assorted sizes, suitable for basin or bath, at a specific price per sponge, taking the case. In these days of very cheap sponges, it was refreshing to hear from Mr. Cresswell that in his opinion it is the chemist's correct policy to stock only the best sponges. Considering that drapers sell at 6*d.* or 1*s.* flash pieces of honeycomb from the West Indies, it may seem hard to the chemist that he should have the trouble to explain to his customers why he charges 3*s.* to 8*s.* for a sponge no bigger than the draper next door sells for as many pence. But the unwary purchaser from the draper, when he finds that his sponge has become slimy and rotten in the course of a few weeks, and remembers that the chemist's sponge lasted a year or more, gets all the greater confidence in the chemist's integrity, and this has a good effect all round. That this confidence is not declining is fairly evidenced by the fact that the sale of the best qualities of honeycomb and Turkey sponges is as great as ever. It may interest some to know that Cuban sponges are fished up piece by piece, not trawled; and although one can get a good-looking ball-shaped sponge about 3 inches in diameter to retail at 1*d*, that penny has to pay the fisherman, and for the cleaning of the sponge, bleaching, carriage to this country, boxing, the sponge-merchant's profit, and the retailer's profit

The CURIC COMPANY were commending the Curic wafers to the trade. The wafers, a headache and neuralgia remedy, are a P.A.T.A. article. They are in the form of cachets, and are put up in good style.

CUSSONS, SON & Co, packers of chemists' articles, exhibited sample packages to show the style and value of their goods. These included fullers' earth, violet-powder, court-plaster, and lemonade-powder.

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DAISY (LIMITED), of Leeds, had two stands. One was a window-display of an attractive and rather refined character, and the other was a working exhibit, where the combined efforts of two live travellers and a miniature gutter-merchant attracted customers. The gutter-merchant is a working model of a street-hawker dressed in Pickwickian style, whose face is a fortune in itself, and whose head keeps nodding to the passer-by, the while he "winks the other eye" and draws attention to his trayful of "Daisies." This is quite a new window-attraction—indeed, Daisy (Limited) have not yet found a name for the thing; and any inquirers after it should write to headquarters. The live travellers referred to are, unfortunately, not lent out.

J. M. DAVIS & SONS are the proprietors of the Beaver brand F J. Bond's marking-ink, which was first made in 1837 This firm also exhibited a variety of druggists' sundries.

J. DEFRIES & SONS (LIMITED) had a good exhibit of the Pasteur-Chamberland water-filters.

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The EAST LONDON CORK COMPANY (LIMITED) had men at their stand making corks during most of the time the Exhibition was open.

EDGAR'S CROUP-LOTION (LIMITED) exhibit was entirely of their one proprietary, Edgar's croup-lotion. The lotion is now packed in cartons, and in the autumn a new 1*s.* 1½*d.* size is to be brought out to meet a growing demand for a small size. Next year is the "Diamond Jubilee" of the lotion, and to celebrate it special advertising-arrangements are being made to increase its sale and benefit chemists. The lotion is a P.A.T.A. article.

T. EDWARDS & Co. exhibited cameras and spectacles. A feature of the exhibit was the showcases of spectacles and folders, which are supplied free with orders of a certain size, and should be a means of pushing the optical side-line.

EDWARDS'S HARLENE COMPANY, of High Holborn, W.C., exhibited Harlene and Liline soap, and making known the

fact that on 2*d.* parcels of these goods they allow full discount and pay the carriage.

The Erasmic Company (Limited), 117 Oxford Street, W.C., were amongst those who duplicated their display, having two stands; at one they exhibited in a beautiful manner their soaps and perfumes, including the "De Luxe," "La Belle," and "Peerless" varieties of soap. The second stand was wholly devoted to showing how a large shop-window can be made attractive in the way now made so familiar by this company; but it struck us that the Agricultural Hall window showed superior taste to some that we have previously seen, and there was originality in the colour and design.

The "Excel" Milk-sterilising Company's exhibit was confined to bottled sterilised milk. This company have contracts for supplying the milk to the Navy and the P. and O. Steamship Company, who have it in quart and gallon tins.

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Farrow & Jackson (Limited) exhibited apparatus for manufacturing aërated waters with liquefied carbonic-acid gas. They had nothing particularly new on show except the "Mansell" saturator, which is a horizontal cylinder into which, when three-fourths filled with water, sufficient carbonic-acid gas is admitted to bring the pressure up to five or six atmospheres; then the water is agitated by turning a handle at the side, which works a paddle within the saturator, and thus the gas is thoroughly mixed with the water. More gas is admitted and the agitating treatment continued, and so on, until the pressure is stationary. The saturator may be old-fashioned in idea, but it makes well-charged water.

Ford, Shapland & Co., Great Turnstile, W.C., had a very large exhibit of druggists' stationery, books, and printing. The most novel thing that we were shown was a new carton-case for seidlitz-powders, which is quite cheap, and just as suitable as the more expensive seidlitz-boxes.

Fromm's Extract Company (Limited) had a pretty stand draped with green plush curtains, and at the time of our visit the representatives were busy handing out samples of soup made with the new vegetable soup-tablets.

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W. Gardner & Sons had one of the heaviest exhibits at the show. Many sizes of the "Rapid" sifter and mixer were displayed, and among them a new kind wherein an arrangement is provided by which essences can be sprayed into the powders whilst they are being mixed in the chambers. The liquid is forced into spray by means of an air-pump, the fine spray blending with the powder much quicker than it would if introduced in a stream.

John Gosnell & Co's (Limited) exhibits were contained in a tent of delicate material. Famora-perfume is the latest production of this firm. It is a perfume which possesses as distinctive an odour as cherry-blossom, and is being energetically pushed in several new ways. The Famora-phonograph is lent to chemists taking a certain quantity of the perfume, and, judging by the attention it obtained at the exhibition, would be popular in the pharmacy. In a glass case on one side of the tent there was displayed the assortment of perfumery which goes to make up an agent's minimum order, and we were told that it is under consideration to give, with certain conditions, this assortment to chemists who agree to make a window-show for a month of the firm's goods.

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Harrington Brothers had a similar exhibit to what they had last year—namely, photographic and other chemicals put up in bottles ready for retailing—but they added on this occasion some very pretty crystals for showing in the window. These included a handsome cube of sulphur, cut across to show the manner in which sulphur crystallises. Copper sulphate, potassium nitrate, potassium bichromate, and alum were among the other chemicals exhibited in crystalline form and in various shapes.

Hearon, Squire & Francis had a characteristic exhibit. On one side, in a glass case, they were showing some fine materia-medica specimens, the samples of the various kinds of opium being quite exceptional in their variety. We noticed also a cake of Uganda aloes, and some fine crystals of strychnine. The pharmaceutical preparations were displayed on shelves to the right of the exhibit, and were confined mainly to the rarer kinds. The sample of syr. glycerophosphatum struck us as possessing a good flavour and hiding the taste of the medicaments very well indeed. Liquid extract of malt, of which this firm are one of the few makers, was shown side by side with the solid extract, and some samples of oleates, made soon after the publication of the new Pharmacopœia, were interesting as showing that they keep perfectly. An emulsion of cucumber and glycerin was noticeable as being non-soapy, permanent, and scented only with spirit of cucumber.

Hockin, Wilson & Co's exhibit was like most other druggist-sundries' exhibits—a good one for people to buy at, but a bad one for reporters to describe. To us it seemed interesting because it was not restricted to sundries, for there were in it pharmaceutical preparations, essential oils, and an exceptionally varied selection of counter-specialities, including soaps and perfumes. Amongst the novelties brought under our notice was a new perfume called "Pink Hyacinth," a feeder with a holdfast teat, a sifter and mixer made of tin, completely enclosed, with a brush which circulates on the sieve placed in the middle, and which is rotated by a handle at the top. Useful bits of minor pharmaceutical apparatus were also shown, including a small sifter for the dispensing-counter, like a pint tin pitcher, and a cachou machine made of nickelled metal which costs 17*s.* A fine display of cut glass bottles, silver-mounted; a new line of fumigating-ribbon, to sell at 3*d.*; and a novel perfume called "Wild Rose" were other things which we were called upon to admire.

Holloway's Wine Company (Limited), 61 New Oxford Street, W.C., exhibited all the kinds of wine which they now place on the market, including medicated wines, the sale of which they are pushing among chemists as a profitable side-line.

G. Houghton & Son had several photographic novelties on show. In hand cameras, the "Sanderson" and the "Vedette" were two new kinds, the former being an adaptation of the "Sanderson" front to a hand-camera. Both these cameras are well made, and good value for the money. "Aura" self-toning P.O.P. is a paper which should find favour with amateurs; it does not need toning, but has merely to be fixed in a hypo-bath and washed. We have not tried our sample yet, but saw some good specimens of work done on it which show it is a success. Another printing-material shown was sensitised silk. It is sent out in packets of three and upwards, cut to various sizes, and is printed and toned and fixed like paper, and when nearly dry gone over with a smoothing-iron. Compressed wood pulp is being put to several photographic uses; it was here shown made into developing-dishes and washing-tanks. This ware has advantages over both porcelain and metal. A new pattern of the "Holborn" developing-cabinets has been evolved, adapted for fixing on the wall. When not in use this cabinet folds up flat against the wall out of the way.

Howard Brothers exhibited the "Dey" timekeeper for checking the ingress and egress of workmen. The record of each workman is continuous, and has not to be copied out as is usual in some forms of checkers.

S. Howlett & Son, the shop-fitters, had a sign upon some showcases, which had a neighbour setting forth that this was a window-competition. We could get no explanation, but the cases were good.

Henry Hyams exhibited all sorts of leathers and skins, but particularly those kinds, such as capping and plaster leather, which are used by chemists. The capping-leather was shown in colours as well as white.

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Imperial Era Pine-preparations Company had a series of medicinal and toilet preparations in each of which the virtues of pine are intimately interwoven. An antiseptic shaving-soap, approved by the Hairdressers' Guild, is a new article which the Guild seem intent on pushing, as they only defend actions brought against their members by the public for "dirty shaves" if this soap has been used.

Ingram & Royle (Limited), East Paul's Wharf, E.C., were impressing upon visitors that although Carlsbad and Vichy waters, and the salts thereof, happen to be leading lines with them, they make it their business to supply chemists with single bottles, cases, or shiploads of any known mineral water which is used for medicinal purposes. They had on their stand some giant show-bottles, *facsimiles* of Hunyadi and Vichy, which they are willing to give

to their customers for nothing. One of these put in the windowside by side with a tiny bottle containing a crystal of aconitine, would be an effective ad, with "This cures" on the former and "This kills" on the latter—or something to the same effect.

The ITSEM HOUSEHOLD-DYE COMPANY exhibited two articles, the Itsem household-dyes and a non-inflammable stain-remover. The Itsem dyes are put up in powder form in test-tubes, and sell at 3*d.* each. This company claim to be the largest dealers in dyes in this country, and in introducing dyes in small packages they have taken the precaution to protect the retail price.

The IVORY SOAP COMPANY'S exhibit was tended by girls in muslin gowns and blue ribbons. We need not remind our readers that Ivory soap floats and has other features which make it popular. With orders for 5 gross window-shows are arranged for chemists, a central decoration being a figure of a lady clad in a dressing-gown, standing beside a bath of water, and holding in her hand a cake of soap.

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PHILIP JOSEPHS & SON, of Old Street, E.C., made a creditable exhibit in the shop-fitting line, which went a good way to fill a blank in this department. They had taken a bay and filled it with a handsome set of mahogany fixtures, with carved pilasters and other carving relief, in the natural grain, and with bevelled mirror doors to poison and other shelving cupboards. The wood was stained dark and bright-polished, there were drawers with glass labels, and the front counter part of the fixtures was filled in partly with shelving, partly with cases for specialities. A good feature of the wall-fixtures was the liberal cupboard accommodation provided for storage. A good dispensing-screen with sponge-case in centre, covered by a St. Anne's marble top, and with cases at each side, top and bottom, counter with desk and showcase, and bottles and jars made up the 200*l.* set. Several novel points were noticeable, especially the small sloping-top cases at each side of the sponge part of the dispensing-screen. The fittings showed admirably what this firm can do at moderate cost in the way of complete shop-fittings.

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The KAPUTINE SYNDICATE, of Huddersfield, exhibited a new window-show intended to convey the idea that kaputine is used from the Pole to the Pyramids. A set scene at the back was a combination of the Arctic regions and the Equator, the latter showing the Pyramids and Sphinx—with an exceedingly perceptible wink in her eye—and a few dromedaries in the foreground. The benignant smile of the gentleman who called our attention to this marvellous display was sufficient to assure us that such scenes as these are eminently business-promoting.

The KEENE COMPANY'S chief exhibit was the "One-night" corn-cure, which is said to procure the eradication of a corn in a single night. Razor-strops and strop-dressing were also shown here.

W. KEMP & SON, of Horncastle, had the same stand as last year, but with an entirely different arrangement of exhibit. It was divided into four sections, the first showing drugs and pharmaceutical preparations, the second chemists' counter-commodities, the third emulsions, and the fourth photographic, medicinal, and technical chemicals. In the first section we noticed some very fine new Californian honey, analytically pure and as clear as crystal, although Mr. Kemp assured us that it had not been treated in any way, but had simply been taken out of the barrel. Amongst the counter-commodities we observed seltzogene-charges, put up in the new style, each portion of bicarbonate being packed in a blue carton, and each portion of acid in a white carton. They are much neater this way, and the cost is the same. There was also a good line of medicated wines, including quarter bottles of quinine wine. All these were effectively labelled, original designs in labels being a strong feature of this firm. Capsicum-paste in 6*d.* and 1*s.* bottles seemed to us a good thing, as the preparation is stronger than the official article, and of superior consistency. Speaking of capsicums reminds us that we saw at this stand a big bunch of the tasteless cayenne which is now coming into favour as a culinary adjunct; it has all the flavouring-properties of chillies without the pungency which none but the experienced likes. A similar cayenne has long been used as a food and colouring for birds. Cod-liver oil and petroleum emulsions were a strong feature of the exhibit, and raw drugs were not a bit behind.

A. KENNEDY & CO. were showing a collection of infants' requisites, soothing-teats being the most prominent item.

S. KUTNOW & CO. (LIMITED) had a stall made up of Kutnow's powder and anti-asthmatic cigarettes. The exhibit was flanked by two models of the "Deer-leap" which figures as the company's trade-mark.

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LAMSON-PARAGON SUPPLY COMPANY (LIMITED), whose check-books we recently noticed, were exhibiting there. In addition to check-books they were showing manifold books adapted for receipts and orders. Typewriter ribbons and accessories are an important side-line of this firm.

Mr. J. E. LOCKYER'S exhibit of photographic developers was an excellent example of how a side-line to a chemist's business may be profitably developed until the original business becomes the side-line. Of course, in his Deptford pharmacy Mr. Lockyer had the first element of success—the idea of making developers and other photographic solutions one-bottle affairs. That has been the key which has given tone to this development of his. We have noticed nearly all novelties of Mr. Lockyer's as they have appeared, but fresh this week was the new mountant—a cheap and reliable paste which has practically no effect upon the print. He has also a *carte-de-visite* size of the "Diamond" hand-camera, called the "Double Diamond," which takes a dozen plates, yet costs the user a guinea only. It is a marvel of finish and portability.

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MAJOR & CO. (LIMITED), of Hull, the makers of "Eucryl," had a good show of this antiseptic refresher and detergent for the bath, with several toilet-specialities containing "Eucryl" as the active ingredient. They have patented a clever idea for preventing drops from the lip of a bottle running down to the label. This is a band of felt secured round the neck of the bottle. It is adapted to all the bottles which they send out, and we understand that the company are to sell the protectors so that chemists may use them on dispensing and other bottles. For disinfecting-powder tins they have also a new idea. Instead of pasting a piece of paper over the perforated top they put on a cap of stiff paper with a finger-catching piece, and before removing the upper lid one has only to catch the projecting piece of paper, and when the lid is removed lift the paper off (it is not fixed) and reject it. This notion is employed for Major's "Eucryl" and carbolic disinfecting-powders. "Eucryl" cold-cream soap, which is just out, is very good. The company also manufacture carbolic acid, benzene, and other coal-tar products. We were shown a bottle of their benzene which had been exposed to sunlight since September last year, yet showed no trace of blackening.

HENRY MARKS & SONS (LIMITED), of Houndsditch, E., the sponge-merchants, had an excellent position for their far too modest exhibit just opposite the entrance. There they showed a few typical examples of sponges, especially emphasising the fact that they encourage trade through wholesalers as the best way of doing business for those who require particular classes of sponge, and to whom other kinds would be waste. At the same time, we could not help noticing from their catalogues that they have every variety of sponge and style of package to offer. The exhibit was distinguished by two beautiful oil-paintings of sponge-fishing as pursued in the Bahamas and in the Mediterranean.

"Marloid" is the name of a new material offered by the MARLOID MANUFACTURING PARENT COMPANY (LIMITED), Tichborne Court, W.C. It is for making boxes and anything that celluloid is used for, and has the advantage over the latter of being non-inflammable. Marloid is really chrome leather tanned to marble hardness. It can be made transparent or opaque and of any colour. Some handsome ebony and green puff-boxes made from it were shown. It is not very expensive either, and is ridiculously durable.

The MAYPOLE COMPANY (LIMITED), High Holborn, W.C., continue to push their successful dye-soaps, which were well displayed at the exhibition, but were almost overshadowed by the exhibits of the Gloriola soap, which brings to the

users kid gloves for wrappers, and O.ioie soap, which is put up in a soap-box suitable for travellers.

MELLIN'S FOOD (LIMITED), of Peckham, S.E., ever demonstrate that in advertising ideas they are unlimited. It is as difficult for us to keep pace with their notions as for them to keep up with the demands for Mellin from baby-land. Is it true that the new English Dictionary is to include the verb "to mellin"? It means, we are told, "to nourish infants."

S. MEYER & Co. had a prominent show of liquors for making medicated syrups with. The liquor Eastonii, a difficult liquor to make, was bright and clear and, we were assured, keeps so for a long time. Among the packed goods the leading line was tins of carbolic tooth-powders, which can be had either as a stock article or with name and address.

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HENRI NESTLÉ was showing Nestlé's milk, the Viking unsweetened milk, and Nestlé's food, with a few novelties in advertising-literature.

F. NEWBERY & SONS, King Edward Street, E.C., were showing the "St. Paul's" perfumes and toilet-articles. A new style of perfume is called the "Happy Omen" series, and has artistic labels in which the horseshoe and wedding-ring are entwined. We saw here the new idea of twine on reels. The reels can be hung up by means of a simple fitting which is supplied with them, and the twine is to be had in all colours, each reel containing 400 yards. An upright fan-shaped showcase for combs is a good idea; it holds three dozen combs, and whilst keeping them free from dust displays them to the best advantage. Celluloid boxes for all sorts of uses were a special line at this stall; the oval tooth-powder boxes were both pretty and novel.

Mr. THOMAS O'BRIEN was there with his check-tills. He has added a few improvements, chiefly in the arrangement of the drawer, since last we noticed these tills.

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PARKE, DAVIS & CO., North Audley Street, W., had a businesslike exhibit which filled a space between two aisles with a gangway in front of it. Several of Whitall's choice American show-carboys or eggs helped to give colour to the exhibit, which otherwise was severely pharmaceutical. A leading line here was cod-liver-oil emulsions, which the firm import from their Detroit factory in ½-gal. bottles, and of these many thousands have already found their way into British pharmacies. The emulsion keeps—should that be necessary. A big display of Blaud's pills and quinine-pills in all kinds of coatings; compressed tablets, including a new Garrod sulphur one like the popular P., D & Co. bronchial tablet-lozenge, put up in boxes ready for retail; rennin in tablets, ready for the milk; essence of pepsin, a quite elegant and active galenical; and euthymol-tablets for the breath were a few of the things which we noticed as new to the hall.

Mr. A. PERONI had a show of thermometers, principally clinical, which were there in great abundance and many different kinds. With 2*l.* worth of clinicals a purchaser is presented with a neat counter-case to show them in. Mr. Peroni claims to be the inventor and original patentee of lens-magnifying thermometers, and has brought their manufacture to a high degree of excellence.

JOHN PHILLIPS & SONS are sponge-merchants who have hitherto confined their dealings to wholesale houses; now, however, they are turning their attention to supplying the retail trade. They had a good show of sponges, particularly of fine Turkey cups.

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Mr. E. J. REID, 11 Dunedin House, Basinghall Street, E.C., was exhibiting phenalgin, as well as vasogen preparations, which we hope to return to later.

ROGERS & CO. showed samples of their turned-wood work, which ranged from boxes to quassia-cups.

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Some of our reporters were much tempted with refreshers as they went from stall to stand, and one confesses that his principles were as a riddle when a smiling lady offered him and he accepted a glass of STOWER'S lime-juice cordial.

SANDRONS (LIMITED) were setting forth the advantage of Sandrons' assimilable iron tonic and gout-remedy. The preparations are said to be entirely vegetable and to have been prescribed by medical men.

JOHN SANGER & SONS had a large array of druggists sundries and photographic apparatus. A new-pattern poison-bottle was on show which is triangular in outline, the flat or label side plain, and the other sides thickly bestrewn with glass studs so as to make the bottle "distinguishable by touch." In enema-syringes one was shown which had a new kind of vaginal tube. The tube is of metal and has radiating ribs running along it, the object being to distend the tissues and promote more perfect cleansing of the parts. A variety of labelled tooth-powder tins were on view, in which the labelling was printed direct on to the lids, thus doing away with the difficulty often experienced of sticking labels on the tins. In thermometers we noticed a good 1*s.* metal bath-thermometer and a food-and-bath thermometer, the latter a 1*s.* 6*d.* line, of small size and fitted with a screw metal case. Quentin's perfumed wafers are pretty pellets of various colours and flavours for scenting the water of the bath or handbowl. They are put up in glass tubes, and sample wafers for distributing help the sales of the article. There were on this stall some cheap silver-mounted smelling-bottles which should prove selling-lines. Some of them we examined could be profitably sold at 1*s.* "Vistik" is a new photographic mountant which this firm are introducing, and from a slight examination we made it seems very smooth and sticky. The exhibit was made attractive by some wonderfully lifelike artificial roses and carnations, the deception being heightened by the fact that the flowers were appropriately perfumed. The carnations were there as an introduction to "Pink Carnation" perfume, one of the newest things of this firm. On a stall in another part of the hall they had a special exhibit of photographic apparatus, and still another was devoted to the perfumery and toilet requisites of E. Coudray, of Paris, of which Messrs. Sanger are the London agents.

The SANITAS COMPANY (LIMITED) exhibited about seventy different preparations of Sanitas. A new one is "Sanitas Moth-powder," a combination of camphor and sanitas in coarse powder, so that it is easily shaken out of furs and clothes into which it has been placed. There was on the stand a jar of eucalyptus oil, of pleasant aroma and appearance, which was being offered at a rate which should ensure a speedy sale and soon reduce the large quantity which the firm have in stock.

SHIRLEY BROTHERS, Rockingham Street, S.E., had a pretty exhibit and a smart showman in charge of it. The way he demonstrated that the teatfast-soother is a delight to infants, a boon to mothers, and a record which cannot be broken, was a revelation to the man who thought he knew all about the "teatfast." It seems that the soother is going so well that teats can scarcely be made fast enough for it. Menthol-cones are another strong line with the Shirleys. That is one reason why they have called this new unbreakable cone the "Hercules"; another is that the same demonstrator came to our Editor's room and pitched cones about in a way that recalled the poet's whisper about a leading feature of our reconstructed offices:—

It begins right on the first floor, and it ends just at the roof,
And its depth is awe-inspiring—of that fact we need no proof
It lightens up four storeys where the *C. & D.* doth dwell
In its office reconstructed, and we know it as "The Well"

As we look down on its vastness and conjecture on the drop,
We conceal a chuckling murmur from our visitors on top.
And dissemble as we try in vain our fierce delight to quell.
As we think of various kinds of folk we'd drop into that Well.

"Hercules" survives even that ordeal. Feeders, decorated tins, and perfumes were also prominent on Messrs. Shirley's stand. They have a new series of Killarney violets, lilies, and wallflowers, from 2*d.* upwards, which "beats Gallagher."

Mr. H. SILVERLOCK is now prepared to take orders for 1900 calendars, of which he has some original designs. He showed them at the hall, and amongst other things a duplicate post-card book seemed to us an improvement on previous kinds; the cards do not require perforating on all sides, being joined by the ends. As might be expected from the time of year, lemonade-powder envelopes and showcards were much in evidence and many in variety.

Mr. H. G. SLINGSBY was showing small trucks with sliding

wheels at each end. Some of the patterns are especially adapted for chemists' use.

STEPHEN SMITH & CO. (LIMITED) were making chemists welcome with tasting-samples of their medicated and other wines. Hall's wine was largely in evidence, and also a new series of selected wines, such as ports and sherries, adapted for retail by licensed chemists, and supplied bottled or in bulk.

SOUTHALL BROS. & BARCLAY had a large space for their exhibit. There were samples of all kinds of put-up goods, the newest in this line being "Boncarine," a non-inflammable but volatile substitute for benzine, as a stain-and-grease remover. Medicated salines, in fine granules and of differing medication, were shown, the several salines having each a distinctive colour—sulphur saline, for instance, being yellow, caffeine, euonymin, and sarsaparilla having other suggestive colours. Biconical suppositories, although not new, are exhibited because of their rising popularity; they can be had of any desired medication, many frequently-required kinds being stocked. We noticed a new series of surgical pads, in sizes ready for use in burns, wounds, or as splint-packing. There were several items whose purpose was to meet the present demand for antiseptic vaccination. One was a little pad of antiseptic material fastened on a square of waxed paper by means of strips of plaster, which when stripped from the paper is placed direct on to the vaccinated spot and renewed daily. Another was a tiny case of vaccination instruments, so constructed as to allow of ready sterilisation, all requisites for doing this being contained in the case. Some mounted herbarium specimens of medicinal plants were noticeable for the care taken to preserve the colour and characteristics of each plant.

The SPRINGER TORSION-BALANCE COMPANY, of New York, whose agents are Messrs. John Timpson & Co., Golden Lane, E.C., exhibited the novel dispensing-balance which we described a fortnight ago, and cheaper forms of it which cost 3*l.* and 5*l.* These are quite as delicate as the more elegantly-finished balance. The Carter balance for weighing pound quantities was also exhibited.

A. DE ST. DALMAS & CO., Leicester, exhibited plasters. Their belladonna-plasters are now guaranteed to contain 0 5 per cent of belladonna alkaloids, in accordance with the Pharmacopœia requirements. Plasters in ribbons varying from ¼ inch to 2 inches are just now very popular with medical men. The reels can be had singly or fitted in caddies which have a patented telescopic fitting. Plaster-of-Paris bandages were here presented in a new form; the plaster has been rolled into the bandages so thoroughly that there is no trace of loose powder about, and they have the advantage of keeping better. They, of course, must be wetted before use like the ordinary kind. Scarlet felt we noticed as a medium of several plasters, of which the kidney-plaster is a good selling line. A porous plaster on white kid had great pliability, and would be saleable in high-class businesses. The "Reaper" corn-rings are a new line of corn-plasters, suitably medicated and packed in flat tin boxes; but the number of corn-plasters shown was legion.

* * * *

The TERROL COMPANY (LIMITED) showed Terrol, a petroleum product and substitute for cod-liver oil. It is not an emulsion; the bottles simply contain terrol slightly flavoured, but without any taste.

TIDMAN & SON (LIMITED), Bushell Street, E, have recently acquired the patent-right in the pinnacle soap-stand, and they made a good display of it in their exhibit, which otherwise was devoted to soaps, perfumery, and other toilet-requisites. They had several new perfumes, notably a 6*d.* line in 1-oz. bottles with printing and decoration in gold relief. We also noticed saleable 6*d.* smelling-salts, the bottle of which is stoppered and of novel design. Violet powder and puff in an enamelled box to retail at 6*d.* was another good article.

JOHN TIMPSON & CO. (LIMITED), 104 Golden Lane, E.C., as agents for Messrs. Johnson & Johnson, the plaster-manufacturers, devoted their exhibit solely to the materials employed in the manufacture of belladonna-plasters. It was scientific in character, the object being to show that the firm take particular care to make their plasters of belladonna only, and are prepared to prove the fact. Mr Kilmer, a well-known American pharmacist, had come over here specially to demonstrate a method of assaying the plasters. On one side of the stand were the ingredients used in making 100 lbs. of belladonna-plaster mass. Here were a big heap of belladonna-root, and the percolate from a similar pile, with the solid extract obtained from the percolate; also in their due proportions Pará rubber, olibanum, galbanum, beeswax, Burgundy pitch, and olive oil, which with the solid extract go to make the mass. A hundred pounds of the mass in big chunks were also shown. On another side of the exhibit were samples of atropaceous drugs other than belladonna, althæa-root, and similar adulterants of belladonna-root, as well as herbarium specimens of the plants yielding these drugs. There were also in the other sections of the stand photographs of the firm's factory in New Brunswick, N.J., and the samples of finished plasters. The demonstration given by Mr. Kilmer was designed to show whether belladonna-plaster is made with belladonna or scopola rhizome. The most characteristic test was the following "colour-indication":—

> Cut the plasters into strips, weigh them, and put in 50 c.c. chloroform containing 10 drops ammonia; stir, and when mass is dissolved transfer both to another beaker, wash with 25 c.c. chloroform made alkaline with 5 drops ammonia, then precipitate the gum with the smallest possible quantity of strong alcohol, added drop by drop, stirring continuously to prevent the precipitated gum from carrying the alcohol with it.
>
> If the solution is of a clear brownish-yellow colour with very little fluorescence, *belladonna-extract* is indicated.
>
> If the solution is of very dark-brown reddish colour, with a very marked blue fluorescence, it indicates *scopola extract.*

This and other tests are fully described in "A Study of Belladonna," copies of which may be obtained from Messrs. Timpson. The pamphlet is interesting, although controversial.

TOMLINSON & HAYWARD'S exhibit was composed of their three leading lines—sheep-dips, disinfectants, and Eureka weed-killer. The Eureka weed-killer in powder form is now becoming the favourite variety, and does away with the possibility of leakages which tins of liquid are liable to.

Mr. WILLIAM TOOGOOD, Heddon Street, W., was showing for the first time a line of antiseptic dressings of his own manufacture, and a new waterproof-dressing cloth, to take the place of oiled silk. The latter resembles jaconet. A somewhat allied material with waterproofing on both sides is now used by Mr. Toogood for making sponge-bags. A new boiling-jug with supporting false bottom was shown to us, and an examination of its construction makes it evident that it should be useful for digestion-processes. The jug is graduated inside. A good show of perfumes was made by Mr. Toogood, including six kinds of violets, and there was a "bubbled" spray-bottle, which is quite novel, and should be a good attraction. Besides these things the exhibit was devoted to bottles and druggists' sundries generally.

JAMES TOWNSEND & SON had a display of labels and chemists' printing in bewildering variety. Among the samples of wrapping-papers we noticed a glazed dark-blue demy, which it is suggested would be an appropriate paper for wrapping up poison-bottles. The poison regulations are also responsible for several labels of original designs and wordings for affixing to poisonous substances. There were displayed a series of photographs of the Exeter premises, where 250 people are employed, which give an idea of the extent of the firm's business.

TOWNSON & MERCER, not often seen at such exhibitions, were showing an assortment of chemical apparatus. The stall was fitted up as a laboratory bench to show the style of work which the firm do. Among the apparatus we noticed a very delicate short-beam balance, fitted with two riders. Aluminium is used in its construction and the base is of marble. There was another balance, one approved by the Science and Art Department, which would be a useful one for scientific pharmacists. It is fitted with plumb-balance and a rider, and is priced at about three guineas. Wanklyn's apparatus for distilling albuminoid ammonia was shown fitted up ready for use, as was also a standard Abel's flash-point apparatus. The latter is greatly in demand at the present time. Among the little conveniences of the laboratory was a combination of wire-gauze and asbestos and some

rings of compressed cork, the latter handy for resting hot evaporating-dishes and beakers on.

* * * *

JULES VIGO & CIE. (LIMITED) had an exhibit whose attractiveness was considerably heightened by the plentiful use of mirrors and flowers. This firm are branching out in the direction of druggists' sundries, whilst still maintaining their reputation for perfumery. They were showing good lines in sprays, brushes and combs, and some attractive forms of perfume-sachets.

VINOLIA COMPANY (LIMITED) made a magnificent display of their manufactures at the extreme end of the hall, where they had placed eight upright showcases with counter-cases between, and in the whole of them exhibited a selection of their newest goods. Of the latter, one that is likely to be much wanted by the travelling public is Premier Vinolia soap, each cake being in a metal case, soap and cases being offered to the trade at 4*s.* 1*d.* per dozen, subject. They have also a soap powder in an upright case with perforated top, to retail at 6*d.*, this form consisting of powdered Vinolia soap, which is not only useful to travellers, but is considered by purists to be the ideal form in which soap should be used. Vinolia powder to retail at 6*d.* is another new line, also eau de quinine (elegantly put up), and Pommade Hongroise, which is good value at 9*d.* the bottle. Other novelties which we observed were a complexion-powder which adheres well to the skin, and which is not, like the original Vinolia powder, soluble in water. Several of the upright showcases were devoted to exhibiting what may be done with Vinolia goods in the way of window-displays. One was entirely filled with Peau d'Espagne soap and perfume, and another with Liril, Violette de Parme soaps, perfumes, powders, and other toilet-requisites. The third was an assorted case given up to a variety-show of Vinolia goods, and a fourth exhibited the original Vinolias from which the company have, in ten years, built up the business which to-day is selling for 175 000*l.* In two of the cases were displayed caskets for the Christmas trade, which showed originality in design combined with good taste. The company are considerably extending this branch of their operations this year, and have produced an exquisite series of caskets in imitation of Wedgwood ware, in tints such as have recently become so fashionable for stationery. These are "special" to the Vinolia Company. Amongst these caskets we noticed one called the Liril combination, the contents of which can be adapted so that it may be presented to a lady or gentleman. For the former the casket contains two bottles of perfumes, complexion-powder, soap, and lip-salve; and for the latter the lip-salve and a bottle of the perfume are taken out, and a shaving-stick put in their place. A new, cheap, and good toilet soap called the Britannia brand, containing six tablets in a box, to retail at 2*d.* per tablet or 10½*d.* a box, was exhibited; and we are told that, in addition to the usual discount, the company are just now offering 15 per cent. extra on orders for 25 gross of tablets, and 10 per cent. extra for 10 gross. There were also exhibited showcases which they are giving away to their customers. One is a case with bent front, which they give with 5*l* worth of 6*d.* perfumes, and others were a counter-case filled with dummies, which is given with 10*l.* orders, and a smaller wall-case similarly filled is given with 5*l.* orders.

The VITÆ-ORE COMPANY (LIMITED) exhibited vitæ-ore. Samples were shown to illustrate the peculiar oxidising-action which takes place after the substance has been mined. When first brought to the surface vitæ-ore is black, but changes to grey on exposure to the air. Some specimens shown had crystals of magnesium sulphate and sulphur adhering to them, and crystallised from the ore itself.

* * * *

WM. R. WARNER & CO., of Philadelphia, made an exhibit of their principal goods through their agents, Messrs. Newbery. The attendant was exhibiting the ready and complete solubility of the firm's coated pills by placing some of the pills in a wire cage at the top of a tumbler of water. The coating dissolved in about a minute, and the crimson colour of the pills (they were permanganate of potash) showed up a few seconds afterwards. The company have lately produced a series of effervescing mineral water lenti-forms, which are meeting with medical approval, and, needless to say, dissolve almost immediately in water. Ingluvin was shown in several forms, and sumbul, a drug which has been especially studied by this firm, appeared as Tono-sumbul cordial and as a component of various pills.

WEDEKIND & CO. had an assortment of advertising ideas, including ashtrays, matchboxes, paper-weights, and show-cards.

WEMBLEY FRUIT ESSENCE COMPANY made a speciality of their fruit-drinks, which are sent out in concentrated form and are to be diluted with water to make a beverage.

WHITWILL, SON & JUDGE exhibited Orezza water.

C. WILLIAMS had a stall filled with boxes of Welsh warblers. These are throat-lozenges, and have been used by Madame Patti. One variety seems to be in the nature of a cachou.

A. WILSON exhibited his dental specialities, Bunter's Nervine and Dentine, and the Puriline tooth-polish, all three of which are well known to chemists.

WRIGHT, LAYMAN & UMNEY, Southwark, S.E., had a position exactly opposite the entrance, where they had placed a tripartite case especially devoted to a selection of their put up goods, including perfumes and soaps, which department they have greatly developed since their recent acquirement of additional premises in Park Street and Union Street, S.E. In the Park Street factory they have put down very complete plant for the manufacture of toilet-soaps, and are now producing quite a variety of styles of toilet-soaps of non-proprietary character, but

suitable for chemists to call their own; and these they finish in beautiful style, the boxes and labels showing artistic colour-printing. Of these soaps, the Golden Lily toilet and the Parme Violette are excellent examples of durability and purity, for the soaps are exceedingly hard, the best being dried as hard as a bone before it is milled. Perfumes also were well represented. These are both elegant and durable, and it is scarcely possible for us in a brief paragraph to give more than a general idea of the nature of these goods; but, from the engravings which we show of the lavender-water bottle and one of the bottles of perfume, it will be seen that good taste characterises them. A new toilet-article which the company find exceedingly popular is the compressed bath-tablets, which are put up in different colours and odours, and retail at 6*d.* a box. Compressed tablets generally are a growing department with the company, and there were numerous examples shown on their stand, including a series of photographic tablets. In this connection we observed that their price-list this month is accompanied by an interesting supplement devoted to photography. Pearl and gelatin coated pills were also

largely shown, and a fairly complete line of galenicals and counter-specialities of medicinal nature. They have a very elegant liquid extract of malt, which is growing in popularity. This extract is a dark-amber coloured fluid which digests its own weight of starch in six minutes, so that it is almost equal in strength to the best solid extract of malt, and is certainly much easier of administration. A malted food for infants, in a new style of tins—¼-lb., ½-lb., and 1-lb.—was also exhibited, and we observed that the base of the case was filled with raw products obtained from the three great foreign countries which supply us with medicines—namely, France, Italy, and the United States—whose flags formed a background to the drugs exhibited.

WYLEY'S (LIMITED) had a high-class exhibit of galenicals and packed goods. In one glass case we saw twenty vases of essential oils, each one labelled with the physical characteristics of the contents, showing them to be of a high state of purity. Tropels, medicated and floral, are a convenient form of lozenge supplied only to chemists. The tropels somewhat resemble a compressed tablet in shape. Nenracetin was shown in the form of powder and tablets; a peculiarity of nenracetin is that it has anodyne properties as well as antipyretic and analgesic. Sodium perborate is a new salt used for making a sterilising-liquid. It gives off ozone in contact with water, and thus combines the properties of boracic acid and ozone. The poison regulations are responsible for a convenient clip for the stoppers of poison-bottles; it is an invention of Mr. Fletcher (a member of the firm), and is simple, safe, and cheap. There were large quantities of oval pills, pellets, and lozenges on show, and in one case were shown microscopes and a polarimeter suitable for pharmaceutical requirements.

* * * *

Our reporters seem to have been so intent on the search for novelties that they have not mentioned the fact that the P.A.T.A. was there, and Mr. Glyn-Jones, its indefatigable, irrepressible secretary, too, with his recent pharmaceutical honours resting lightly upon him. We tell elsewhere in this issue what the P.A.T.A. was doing.

A Last-night Performance.

THE programme submitted to the Fellows of the Chemical Society on the last evening of the session (June 15) was of inordinate length, nineteen papers being on it, and about a hundred Fellows flocked to the rooms in Burlington House. There they found a few distinguished visitors, amongst them Dr. Debus, who came with Professor Dewar, an old pupil of his own; Professor Ciamiciani and another Italian chemist came with Professor Armstrong; and Professor Thorpe, of the Massachusetts Institute of Technology, accompanied Dr. F. B. Power. Business commenced with the appointment of scrutineers for the ballot, Dr. Schryver and Dr. Morley Foster being selected, and immediately after Dr. Schryver was one of those formally admitted a Fellow, so that a grave constitutional disturbance was saved, as he did not scrutinise the voting-papers until an hour later.

POTASSIUM CHLORATE

was the first topic discussed, Mr. W. H. Sodeau, B.Sc., communicating a paper on "The Decomposition of Chlorates, with special reference to the Evolution of Chlorine and Oxygen." Decomposition on heating was meant. Chemists are not agreed as to what actually happens when, say, potassium chlorate is heated—whether the oxygen is driven off without any molecular complication, or whether chlorine is given off with it—and Mr. Sodeau has tried to settle the point. He did not appear to be convincing, although he has done a lot of work in the subject, bringing out interesting facts, making calorimetric observations, and so on, but still leaving us in doubt as to what actually happens. With barium chlorate his evidence was fairly conclusive that two reactions occur, first—

$$2Ba(ClO_3)_2 = 2BaCl_2 + CH_2O.$$

This is an exothermic reaction, much heat being given out. The second reaction is endothermic, and is—

$$2Ba(ClO_3)_2 = 2BaO + 2Cl_2 + 5O_2.$$

This reaction is limited, for in no case does the chlorine evolved amount to more than a fraction of 1 per cent. of the weight of chlorate taken. Nor is it peculiar to chlorates, for no chlorine is evolved from potassium chlorate when heated alone in a glass bulb. Mr. Sodeau told the meeting how pressure influences evolution of oxygen, and how time affects it, which part we may sum up by saying that at a pressure of 1 atmosphere a chlorate when heated for 80 minutes gave off 0·5 per cent. of oxygen, and at 1 mm. pressure 7 to 8 per cent.

FORMALDEHYDE

Mr. A. Harden, M.Sc., Ph.D., read a paper on "The Action of Hydrogen Peroxide on Formaldehyde." Dr. Harden has found that when the peroxide and formalin (40-per-cent. aqueous solution of formaldehyde) are mixed there is no reaction, but if sodium hydroxide is added there is brisk effervescence, which Dr. Harden finds to be due to hydrogen. He proved that to the meeting by doing the test in a tube, and the Fellows were delighted and applausive when they saw the little blue flame and heard the pop. Dr. Harden has proved that the formaldehyde is wholly oxidised into formic acid, and he endeavoured to work out from the reaction a process for estimating formaldehyde; but the reaction is too slow in the cold to permit of the use of a nitrometer, and heat spoils it. He tried other than alkaline hydroxides, especially cuprous and cupric hydroxides, which were found to give a similar reaction, and most metallic oxides oxidise the formaldehyde, but do not give off hydrogen.

The President (Dr. T. G. Thorpe) thought the paper a clever one, and Mr. C. F. Cross took the reaction as another proof of his theory that when hydrogen peroxide oxidises it resolves itself into hydrogen and oxygen. Dr. Debus would have none of this theory, saying that the hydrogen in Dr. Harden's reaction comes from the formaldehyde being replaced by hydroxyl groups from the hydrogen peroxide, the hydrogen from the formaldehyde molecule (CH.OH) being thus liberated.

Dr. Armstrong agreed with him, and so did Dr. Harden.

Two papers from the

PHARMACEUTICAL RESEARCH LABORATORY

followed. These were on "Homocamphoronic and Camphononic Acids," by Messrs. A. Lapworth, D.Sc., and E. M. Chapman, Ph.C., and on "The Action of Silver Compounds on Dibromocamphor," by Dr. Lapworth. The latter gave the gist of them both, the results showing progress towards the synthetic-camphor goal.

BALLOT-PAPERS.

The scrutineers reported that all the candidates had been elected. Amongst the new Fellows were several whose certificates and signatories we append:—

McClumpha, Robert, 372 Westgate Road, Newcastle-on-Tyne Analytical and pharmaceutical chemist. A member of the Pharmaceutical Society of Great Britain. Principal of the West-end School of Chemistry, Newcastle, and was for some time analytical chemist in charge of the laboratory of Mawson, Swan & Weddell, Newcastle. I have had several years' experience as a teacher and demonstrator, and at present conduct classes at the above-named West-end School of Chemistry. [Signed by] Edward Davies, C. Ranken, Prosper H. Marsden, Frederick Gilderdale, T. H. Walker, P. Phillips Bedson.

Shepheard, William Frederick John, 12 Bridge Street Row, Chester. Pharmaceutical and manufacturing chemist. Student in the school of the Pharmaceutical Society. Has passed Major examination of the Society. Subsequently worked in the Research Laboratory of the Pharmaceutical Society. Joint author with Professor Dunstan of paper on "Identity of Caffeine and Theine" (*Journ. Chem. Soc.*, 1893, 63, 195). [Signed by] Wyndham R. Dunstan, Chas. Umney, G. Watmough Webster, Chas. T. F. Watts, W. F. Lowe, John C. Umney.

Stainer, John Ward, 103 Cheriton Road, Folkestone. Pharmaceutical chemist. Pathological chemist and bacteriologist. Student of Yorkshire College, Leeds, 1886–1887. Pupil of Mr. Sidney Harvey, F.I.C., Canterbury. Revision of Dr. Campbell Black's "Chemistry of Urine" (for publisher). [Signed by] Arthur Smithells, Sidney Harvey, Herbert Ingle, W. Lloyd Williams, Francis H. Carr, Peter MacEwan.

The President then read the titles of the rest of the papers, and intimated that the meeting was adjourned until Thursday, November 2.

D

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DOUBLE CYANIDE
GAUZE
Antiseptic Dressings Factory, LADYWELL, S.E.

"CONDY'S FLUID."
ELEVEN INJUNCTIONS
With damages and costs, have been obtained against Chemists selling a liquid not manufactured by Condy and Mitchell, Ltd., in execution of orders for "CONDY'S FLUID."

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American Medicine Companies.

A DECLINE of 40,000*l.* in the annual profits of A. J. White (Limited) is a severe lesson to investors in patent-medicine properties. Very few of these businesses maintain their profits for long after their conversion from private hands

into those of public companies. This seems to be especially the case with medicines of American origin.

One of the earliest of these American companies was Hop Bitters (Limited), formed in 1886 with what now appears to be the very modest capital of 95,000*l*. The vendor took 60,000*l*. of the subscribed capital in cash, and 25,000*l* more in 6 per-cent. debentures. The company paid 10 per cent. on its first year's trading, but the next year had to announce an almost entire failure. The company was reconstructed, and some 11,000*l*. more was subscribed, but the last we heard of it was in 1892, when the whole concern was put up to auction and bought in at the reserve price of 3 000*l*.

Sequah was another of these enterprises offered to the public. The authorised capital in this case was 300,000*l*, of which the vendors took 150,000*l* in cash and another 100,000*l* in shares. This company paid a first year's dividend of 14 per cent., but the next year showed a loss of 24,000*l*, which we presume it never recovered. The company went into liquidation in 1895.

The business of H. H. Warner & Co. (Limited), the safe-cure affair. was registered in November, 1889. The capital of this company in ordinary and preference shares was 550,000*l*., and of this 446,680*l*. was paid to the vendors, together with debentures making up the purchase-price to 700,000*l*., though assets to the difference in value or thereabouts were taken over. Dividends of 20 per cent. on the ordinary shares and of 8 per cent. on the preference shares were paid for two years, and a dividend of 10 per cent on the ordinary and 8 per cent. on the preference shares was paid in the third year. No profit has been distributed to the ordinary shareholder for the past five years, and latterly the 8-per-cent. preference shares have only realised a portion of what is due to them.

A. J. White & Co., the proprietors of Seigel's syrup, was registered in April, 1897, with a capital of 1,000,000*l*., half of which was in 6-per-cent. preference shares and half in ordinary shares. A dividend of 10 per cent. for the year ending June 15, 1898, was paid on the ordinary shares, and a further dividend at the same rate for the succeeding half-year. The dividend on the preference shares has been paid in full up to date. That is to say, in two years the preference shareholders have had 12 per cent. of their money back and the ordinary shareholders 15 per cent. The profits of the company for the past year were 52,000*l*., which shows that there is a remarkably good business remaining, but it seems to be on the down-grade, as it compares with 92,000*l*. made in the previous year. The amount paid to the vendors for this speciality was 960,000*l*., of which 626,668*l*. was in cash.

From these instances it will be evident that investing in such a business as an American patent medicine is, to say the least, a venturesome proceeding. Somehow the proprietors always seem to hit on the highest point of popularity for the disposal of their concern to the public. Their prospectuses are very temptingly produced, the genius which has been imported into the advertising-department of their business expanding itself for its grandest effort on this occasion. There are always plausible explanations indicating an accumulation of exceptional circumstances when the business begins to decline. In the case of Seigel's syrup, we observe that shareholders are writing to the financial papers, stating that one cause of the falling-off of the sales of their speciality has been the persistent refusal of the directors to protect the profits which the distributors of the articles—that is, the chemists—have a fair right to expect. There is, no doubt, much truth in this statement, but it does not by any means account for the enormous decline reported. The medicine we have mentioned, and some others also of American origin which have been brought into this country, are, no doubt, good for the purposes for which they are intended, but their phenomenal early success is due, perhaps principally to some original method of advertising which the proprietors have invented. This succeeds for a time, but when the boom is exhausted the shareholders who have taken over the property at some ten years' purchase find to their dismay that all they have got as assets is a name which will no longer conjure money out of the pockets of the physic-taking world, who are by that time caught by some newer preparation, and a quantity of show-cards, old almanacs, and other advertising-material which is worth rather less than the plain paper would have been before it was printed on.

The Sale of Petroleum by Chemists.

IN the letter from the Clerk of the London County Council from which we quoted last week, it was stated, first, that "the Council has not objected to chemists opening small bottles of benzine for compounding-purposes," and, secondly, that "the practice which some chemists have adopted of purchasing petroleum in bulk and subsequently bottling it" "is distinctly contrary to law." These statements, coming as they did from the prosecuting authority in London, whose practice will probably guide many other local bodies, did not seem as conclusive as they should be. We therefore addressed to the writer the following questions:—

1. You say that "the Council has not objected to chemists opening small bottles of benzine for compounding-purposes." I presume I am right in assuming from this that the Council would not object to a chemist keeping a pint bottle of benzine in his shop and selling from that small quantities to customers who come with their own bottles.

2. You say: "What the Council does object to, and what is distinctly contrary to law, is the practice which some chemists have adopted of purchasing in bulk and subsequently rebottling it in smaller receptacles." I understand that chemists buy from wholesale houses 1 gal. or 2 gals. of benzine and *immediately* bottle it off into small bottles for retail sale. Will you be good enough to refer me to the section of the Act which declares this practice to be illegal?

To this we have received the following reply:—

Spring Gardens, S.W.,
20th June, 1899.

Petroleum Acts.

In answer to the two questions contained in your letter of the 16th inst. I have to reply as follows:—

1. The object of the exemption-clause of the Act of 1871 was to enable chemists to keep for sale in capsuled bottles the preparations of petroleum spirit known as "benzine," "benzine collas," &c., without the necessity of obtaining a licence. The Act makes no provision for the opening of these bottles, but the Council recognises that for compounding-purposes it may be undesirable to insist on a licence being obtained. It is otherwise as to sale, and unless a chemist sells in the bottles in which he received the spirit he should obtain a licence from the local authority.

2. The danger arises when the spirit is opened in bulk, which should only be done in licensed premises where proper and safe conditions would be ensured. Section 7 makes the practice of receiving in bulk and bottling illegal, as it prohibits keeping except under licence or under exemption. Before he rebottles it a chemist must have the spirit in his possession—in other words, he must be keeping it.

I am, Sir,
Your obedient servant,
C. J. STEWART,
Clerk of the Council.

This means (1) that in the L.C.C. view chemists may not sell out benzine by the pennyworth unless they have a

petroleum-licence, which probably would not be granted to them, and which from an insurance point of view it would be unwise for them to hold. The exemption in the Act applies to petroleum kept "for private use" as much as to that kept "for sale." Consequently, if the L.C.C. interpretation of the Act is correct, no one buying a 6*d*. bottle of benzine may open it to clean a coat without having a licence. To this absurdity would such a strict construction of the Act bring us, and we doubt very much if it would be maintained though we cannot, of course, advise any subscriber who wants to live a peaceable life to defy the L.C.C.

The position as to bottling is somewhat different. A penalty of 20*l*. "for each day" is provided in respect of petroleum kept by unlicensed persons otherwise than in accordance with the conditions defined. No doubt a certain amount of danger occurs during the bottling, but we are still a little doubtful whether keeping during the time it is necessary to transfer a gallon of benzine from one vessel to twenty would be a keeping as contemplated by the Act. There is not a great deal of profit in the business, however, and it is not worth anybody's while to risk a prosecution, especially in consideration of the fact that the precautions are taken in the public interest.

Materia Medica Mincinglania.

East Indian Ipecac.

HISTORY repeats itself in the most curious fashion now and then. In our Trade Report for May 16, 1888, we read, "Two packages of *East Indian* ipecacuanha were also offered. They were imported from Singapore, and probably were grown in the Johore plantations. The root was of excellent appearance, though slightly damaged, and, if it corresponds with the previous consignment from Singapore, contains fully as large a percentage of emetine as the East Indian root. There were 114 lbs. of it, which sold at 6*s*. to 6*s*. 3*d*. per lb., according to the extent of damage." On Wednesday of this week one of the articles which visitors to Crutched Friars warehouse had to inspect was two bales of ipecacuanha imported from Singapore. A beautiful specimen of the drug it was—clean, bold, and well annulated. We think there can be no doubt that the root comes from Johore *viâ* Singapore. At the moment of writing it is not possible to say what the drug fetched in public auction [12*s*. 10*d*. we since learn], but no more welcome arrival can be imagined, for drug-merchants are beginning to fret under our dependence upon South America for this most important drug, and one experienced and long-headed Mincing Lane man remarked to us, *à propos* of the high price of the drug and the arrival of the East Indian parcel, that the present conditions are exactly those which were wanting to make cultivation of ipecacuanha a real success. Hitherto it has been regarded as a failure. Ceylon as far back as the forties tried it without success; the Indian Government, with all its skilled resource, tried and failed; and now we have, after eleven years' interval, a proof that the Johore venture is not a failure. The late Sultan of that State was a long-headed fellow, who, when not under the influence of the charms of Brighton beauties, was prone to listen to the advice of the hard-headed Scots of his forest conservancy, and it was through their initiative that an ipecacuanha-plantation was started in Johore, where it was found to grow as luxuriantly as in its Brazilian habitat. There in 1886 were several thousands of plants "in excellent health, protected from the sun by palm-leaves laid on an artificial stage several feet in height, and the edges of the same a few yards apart." This week's consignment is fair evidence that the plant has not died out, and the root appears to be of excellent quality, for we hear that Mr. J. C. Umney finds it to yield 1·6 per cent. of emetine. We mentioned in 1888 that we found 1·4 per cent. in the sample then sold, and Mr. Francis Ransom previously reported that he obtained 1·7 per cent. of alkaloid from ipecacuanha cultivated in India. We earnestly hope that this week's consignment of Johore ipecacuanha is the precursor of a regular supply. The plant grows well in the Straits Settlements, and might have been firmly established as a culture there had some money been put into it. Now is an excellent opportunity for a determined effort, for, although there are rumours that the ipecacuanha-importers have abundance in reserve, the rumours are discredited by facts; and the state of Brazil is eminently favourable for our recognising the fact that ipecacuanha is a parallel to cinchona, and if we want a steady and cheap supply of it, it must be propagated by European capital, and the culture superintended by European brains.

Ghokru

While dealing with this unusual importation we may also refer to several articles which were offered for sale publicly at the drug-auctions a fortnight since. Under the name of "Gookhru" ("Burra-Ghókru" is the proper Indian name) was offered one bale of roundish five-cornered fruits, armed with formidable prickles. These are produced by *Tribulus terrestris*—a low, trailing, annual plant, belonging to *Zygophylleæ*, common throughout India, from whence the bale in question was probably derived, and also distributed throughout the warm regions of the globe. In India the fruit is collected in sandy districts, and is always to be found in the bazaar drug-shops. It is stated to have cooling, diuretic, and tonic properties, and is a remedy for spermatorrhœa. Besides its medicinal use in India, the fruit is ground into powder and employed as a food, in the form of bread, in times of scarcity. In Cochin China the fruit is used as an astringent, and in Formosa, where it is known as "Pih-tseih-le," in the treatment of ophthalmia. This week another Indian seed has been offered for sale under the name "Bavachi," which

Bavachi

we recognise as the seed of *Psoralea corylifolia*—a common weed in India, where the seed is known as "Bábchi," "Bawachí," "Bavanchi," and similar local modifications of a common name. An oleo-resinous extract of the seeds is used, in combination with chaulmoogra oil, in the treatment of white leprosy. The seeds are ovate or reniform in shape, brownish-black in colour, and have an aromatic taste, due to the essential oil which they contain. The broker who offered Ghókru also had on show a bale classified

Labrador Tea

as "Labrador tea," consisting of the branches of *Ledum latifolium*, a small shrubby plant of the heath family, found in swampy situations in Canada and the Northern United States. This plant, which is also known under the name of "wild rosemary," was introduced into this country as an ornamental plant so long ago as 1763. The leaves, which have an agreeable odour and taste, are linear-oblong in form and clothed on the under-surface with a rusty tomentum, and have pectoral and tonic properties. The Cree Indians employ them as tea, and know the plant under the name "Maskoego"; they were also similarly used during the War of Independence. Under the name of "Sassafras," which, by the way, is

Sassafras

applied to several plants, were offered fourteen bags of bark shipped from Sydney. This bark, which is extremely fragrant, is probably that of *Beilschmiedia obtusifolia*, a large handsome tree of Queensland and N. S. Wales, belonging to *Laurineæ*, known as the "Queensland sassafras." This bark has aromatic and tonic properties, and when dry is stated to yield 770 oz. of essential oil per ton, having the sp. gr. of 0·978 at 72° F.; it also contains 7½ per cent. of a tannin similar to or identical with cinchona tannin.

THE PLYMOUTH CONFERENCE.

The week for the British Pharmaceutical Conference in Plymouth this year appears to clash with two other conferences which are to be held there, and the result is that hotel-accommodation is proving inadequate. Any who are thinking of going to the Conference had better make up their minds promptly, for from what we hear we do not see how it is possible for arrangements to be made for accommodation after this month—at least in Plymouth. The result may be that many will go elsewhere, or not to the Conference.

CHEMISTS' ASSISTANTS AND THEIR PATRONS.

The Chemists' Assistants' Association—the London body—does not appear to great advantage in the balance-sheet which it publishes, except in respect of the candour with which this is put forward. The Association has a *bonâ fide* income of about 24*l.* and it is spending about 70*l.* It made a profit of 9*l.* 2*s.* out of its annual dinner—which was legitimate but a little out of the drug line—and the balance of its expenditure, and more (for the Association added 9*l.* to its accumulated funds during the year), was provided by "patrons" and "donations" from wholesale houses, most of whom contribute because their rivals do, and some perhaps "lest a worse thing should befall them." The Association has not of late produced any papers of special merit, and though we do not allege riotous living against its members we find that over 18*l.* is charged for "refreshments," "reunion," and "deficit on Cinderellas." We are far from wishing to check the enjoyments of chemists' assistants, but we think they are in too good a position to go round with the hat for their *menus plaisirs*; at all events, the firms who contribute ought to quite understand how their guineas are employed.

GERMAN BEET-SUGAR.

A return prepared by the U.S.A. Bureau of Foreign Commerce shows that since 1877 the German beet-sugar industry has increased from a total production of 383,828 tons per annum to 1,725,000 tons in 1898–99; but the sugar refineries have decreased from 64 to 54 in the same period. The percentage of sugar in the beet has been increased from 9.24 to 13.15. The exports show the most startling figures, for although only 71,201 tons of raw sugar were exported in 1877–78, no less than 1,229,592 tons were sent out in 1896–97; but last year there was a falling-off. Great Britain took 666,263 tons last year—*i.e.*, six-tenths of the whole exports. Germany imported 513 tons of raw and 707 tons of refined sugar in the same year, the total home consumption for the year being 803,897 tons, or 28.8 lb. per head of the population. The sugar-tax paid per head amounts to a little over 1*s.* 10*d.* a year, so that each pound of sugar used by the Germans costs them 1*d.* in tax, not allowing for the profit on the tax which sellers must take in the ordinary way of business. The bonnty-system has built the sugar-industry of Germany, but it is now on the decline. The highest bounty paid was in 1884–85, when over 6,000,000*l.* was paid to manufacturers. It decreased steadily until 1891–92, when about 3,800,000*l.* was paid; in the year following the sum fell below two millions; in 1893–94 to half a million, and since then it has increased gradually to about 2,000,000*l.* Meanwhile, the taxes and duties yield as much as ever, but the money goes into the National Exchequer. The average price of refined sugar in Germany is a little over 2½*d.* per lb. We get the same for about 1½*d.*, thanks to them.

THE HOMŒOPATHIC-MEDICINE TRADE.

From information which has reached us we learn that competition in the wholesale homœopathic-medicine trade has reached a point which can only be described as demoralisation. The business is a comparatively small one and we presume of late years it has not been growing to any considerable extent. But there is, of course, a demand all over the country, and indeed all over the world, for homœopathic medicines, and a number of firms must have made good profits out of them in the past. Latterly, however, two or three manufacturers seem to have been striving to acquire a lion's share of the supply, with the result we have suggested. Not so many years ago, the so-called shilling bottles of tinctures and pilules were supplied wholesale at 5*s.* per dozen, and the retail price came down to 7*d.* in many establishments. Exactly when the fierce wholesale cutting began, or who was responsible for it, we cannot say. What we have learned is that the responsibility lies between two houses, Messrs. Watson & Wates and Messrs. Ashton & Parsons. These firms have been quoting for some time 3*s.*, 2*s.* 9*d.*, or 2*s.* 6*d.* per dozen nominally. So far there was nothing illegitimate in their competition, nor any conduct to which the keenest casuist could take objection. But what is alleged by our correspondents, and what we have ascertained to be the fact, is that both houses have quoted, and have sold to retailers whom they could not otherwise secure as customers, prices falling from 2*s.* to 1*s.* 6*d.*, then to 1*s.* 3*d.*, and in some cases to 1*s.* per dozen, while they still charged their quoted prices to customers who offered no complaint. It is the obvious unfairness of such a system which compels us to intervene. We are assured by both the firms alluded to that at the lower prices named they are selling at a loss, and we quite believe it. That, however, is their business. The business of the retail chemist is to take care that he is charged no more than his rival in, perhaps, the same street. Probably, this note will bring about a more wholesome state of affairs, but so long as the present conditions exist we are bound to advise our subscribers to offer the lowest named prices and to pay no more for the same articles. Letters on this subject appear in our correspondence section.

DISPENSING GROCERS.

A correspondent of the *Grocer* last week expressed surprise that so few grocers, having the necessary space at their disposal, take advantage of the law which enables any combination of men, or their sons, wives, and daughters, to carry on the business of a dispensing chemist under the Companies Acts. Some have done so, says this philanthropist, and, in at least one instance, a grocer, after tasting the sweets of the drug-trade, has given up his original calling to be the head of what is now probably the largest drug-stores in the kingdom. The editor of the *Grocer*, commenting on this suggestion, cautiously remarks that it is a debatable point whether the majority of grocers would find it profitable to place a qualified chemist at the head of a drug-department. It has occurred to him that a qualified chemist would expect something in the way of salary, and he foresees that probably the competition of the neighbouring chemists would cut down the already sufficiently narrow margin of profit. The consideration that grocers do not know the alphabet of the business does not seem to enter into his calculation; but he recommends his readers not to extend their business in the direction indicated without careful consideration.

RINDERPEST-SOAP.—From Griqualand East comes the report that the poor whites are exhuming the carcases of rinderpest cattle to get the fat for soap-making. It is stated that the police have received instructions to investigate, and, if true, to stop the resurrectionists. But how much fat can be extracted from carcases that have been buried for many months, in some instances for years, in African mother earth is a trifle difficult to understand.

Legal Reports.

Valentine Meat-juice Litigation.

MR JUSTICE STIRLING, sitting in the Chancery Division, resumed on Tuesday the hearing of the case of the Valentine Meat-juice Company (Limited) *v.* the Valentine Meat-extract Company (Limited) and C. R. Valentine, which was commenced on May 10 last, and reported in our issues of May 13 and 20. The plaintiff company, who are domiciled at Virginia, U.S.A., seek an injunction to restrain the defendants from carrying on business as manufacturers or vendors of extract of meat or meat-juice under any name or title in which the word "Valentine" or "Valentine's" formed part without clearly distinguishing such business from the plaintiffs' business.

Mr. Fletcher Moulton, Q.C., M.P., Mr. Swinfen Eady, Q.C., and Mr. Sebastian were counsel for the plaintiffs; and Mr. Upjohn, Q.C., and Mr. Sims for the defendants.

Further evidence in support of the defendants' case was called.

Mr. Herbert Hughes, examined by Mr. Upjohn, said he was a director of the defendant company until March 8 last. For many years he had been one of the head men of Sir Henry Peek's firm, and he was also a director of Teed & Bishop (Limited), wholesale grocers. Mr. C. R. Valentine, who was witness's nephew, communicated with him about the meat-globules, and witness took shares in the company on its formation. At that time he did not know of the plaintiff company. There was no competition between the two companies, plaintiffs' meat-juice being a medicine and the defendants' article a portable food. When it came to their notice that some confusion arose, definite instructions were given by the defendants to their officers and agents to explain that they were not the American company. There was never any design or wish to trade under the name and reputation of the American company. As regarded the get-up of the articles, it would be quite impossible to confuse the defendants' goods with those of the plaintiff'.

Cross-examined by Mr. Sebastian: He had nothing to do with the meat-extract trade himself, and was not responsible for the selection of the defendant company's name. His opinion was that the globules should be first placed with grocers, and then with chemists. Letters came to the defendants' address which were intended for the Valentine Meat-juice Company, but he did not think that confusion would continue. It was well known in the trade that the two houses were entirely distinct, and that their preparations were different.

Re-examined: Mr. C. R. Valentine's position as manager of the produce-department of the Colonial Consignment and Distributing Company was well known to the trade

Mr. William R. Wood, senior partner of Messrs. Petty, Wood & Co., wholesale grocers, of Eastcheap and Southwark Bridge Road, said Mr. C. R. Valentine was known in the trade as the manager of a large business, and he thought his connection with the extract-of-meat trade was familiar. Witness thought the meat-globules were both a chemist's and a grocer's line. He did not know the plaintiffs' preparation.

Mr. John Connell, head of the firm of John Connell & Co. (Limited), merchants and wholesale grocers, of London, Melbourne, and Sydney, expressed the opinion that Mr. C. R. Valentine's name was well known in the produce-trade, and his reputation was likely to be of value to the defendant company in the sale of the globules. He was satisfied that the rival preparations were quite distinct. Cross-examined: He thought the two articles would come into conflict in respect to the names until Mr. Valentine explained that they would not.

Sir Edward Montague Nelson, chairman and managing director of the Colonial Consignment and Distributing Company (Limited) and of Nelson Brothers (Limited), said that in the autumn of 1897 Mr. C. R. Valentine was well known in the produce business, and was brought into connection with persons likely to be purchasers of meat-globules. Witness took 400 preferred shares in the defendant company. He did not think there would be competition between the two preparations. Asked as to the statement in the defendants' circular that "Mr. C. R. Valentine, the inventor and patentee, has for some years been identified with the manufacture and handling of extract of meat," witness said it would have been more accurate to say that Mr. Valentine had been connected with the manufacturers of extract of meat.

Mr. John Benjamin Sainsbury, a member of the firm of John Sainsbury & Co., provision-merchants, stated that his company had forty-five branches in London and the suburbs, and he had known Mr. C. R. Valentine as a produce-importer for seven or eight years. If anyone but Mr. Valentine had introduced the globules, witness's firm would not have taken them up. He was acquainted with Valentine's meat-juice, as his mother had great confidence in it. (Laughter.) It was a chemist's article, and was not in the same line as the defendants' globules.

Mr. Thomas Francis Blackwell, the chairman of Crosse & Blackwell (Limited), said his firm were wholesale agents, with others, of the Valentine Meat-juice Company, which was known in this country as the American company. It was his opinion that the plaintiffs' meat-juice and the defendants' meat-globules did not compete, as they were not in the same line. The defendants distinguished their goods from the plaintiffs', and he considered the distinction was such that no person would think the globules were manufactured by the American company. The statement in the defendants' circular that Mr. C. R. Valentine was identified with the manufacture and handling of meat might to some people connect him with the plaintiff company, but it would not lead witness to that conclusion

Cross-examined: Mr. Beamish was secretary to Crosse & Blackwell (Limited).

A letter from Mr. Beamish was read by counsel. It was dated June 29, 1898, and ran:—

DEAR SIR,—In regard to our interview yesterday, I have to inform you that the representative of Valentine's Valtine Meat-globules called upon me some time ago, asking that the company should undertake the sale of those preparations, and, in reply, I told him that it appeared such a flagrant misuse of the name of the Valentine Meat-juice Company's reputation that my directors would deem it dishonourable to deal in it.

Witness said that was Mr. Beamish's opinion, and at that moment it was witness's opinion also. Crosse & Blackwell had for a great many years bought very largely from the plaintiffs, their purchases being out and out. They did not deal in chemists' articles, but sometimes supplied them.

Re-examined: He had altered the opinion that Mr. Beamish had expressed on more thorough information.

Mr. Henry Hills, a commercial traveller dealing with grocers, said he found that the name of Mr. C. R. Valentine was known in connection with the colonial-produce trade. Cross-examined: He had a few customers among chemists, and when necessary told them that there was no connection with the other Valentine; but the articles were so distinct that it was seldom necessary.

Mr. Eady: If nothing was said by the customer as to the American company you did not mention that matter?—No.

Dr. John Harley, M.D. Lond., F.R.C.P., consulting physician to the Fever Hospital, St. Thomas's Hospital, &c., said that between two and three years ago Mr. C. R. Valentine consulted him about the making-up of his meat-globules. He said his object was to bring out a portable food, such as would be accessible to cyclists. Witness looked upon Valentine's meat-juice as a medicine, and it did not occur to him that the defendants' article was in the same field; he could not see that there would be any confusion between them.

Cross-examined: It was his opinion that the defendants' globules were invaluable in the hospital and the sick-room as a food. He did not suggest that Valentine's meat-juice was not a food, but it was chiefly prescribed by physicians as a medicine.

On Wednesday the hearing was resumed, when further evidence for the defendants was given.

Mr. R. J. Whitehead, packer of extract of meat at Savage Gardens, Crutched Friars, said in 1897 Mr. C. R. Valentine was well known in the colonial-produce trade to the large distributors, but he could not say that he had any reputation as to extract of meat previous to that time.

Mr. Frederick C. Frye, of Leverett & Frye (Limited), said his firm listed the defendants' meat-globules. He did not think

they could be taken for the plaintiffs' preparation. He should think that Mr. Valentine's name was well known in the provision-trade owing to his position as manager to the Colonial Distribution and Consignment Company. Cross-examined: Until introduced to him by a representative of Messrs. Gilbey he had never heard of Mr. C. R. Valentine. He had never heard of the plaintiffs' preparation being asked for as "Valentine." His firm would not have taken up the sale of the globules if it had been thought there was unfair competition with the meat-juice.

Mr. Thomas Henry Carlton, a traveller for the defendants in the meat-globules, said he had previously travelled with the Valentine meat-juice. He could see there was no similarity between the articles, but he was told to bear in mind that the defendants had nothing to do with the plaintiff company. His definite instructions from Mr. C. R. Valentine were to avoid confusion between the two preparations. Cross-examined: It did not occur to him when he saw the globules that they were put up by the American company, for whom he had travelled for fourteen years.

Mr. Henry Hastings Sidebottom said in 1897 he was put in charge of the Manchester branch of the Colonial Consignment and Distribution Company, and had since travelled in the meat-globules. In a few cases persons asked if the globules had any connection with the meat-juice, and he told them that the manufactures were entirely different. Cross-examined: If the customers said nothing about Valentine's meat-juice he said nothing.

Mr. Harold Campion, defendants' solicitor, said he acted in the formation of the defendant company. Mr. C. R. Valentine said he proposed to sell the patent, trade-mark, and goodwill he was creating by introducing the globules to the trade, and the goodwill of his name. Witness thought there was value attaching to Mr. C. R. Valentine's name and connection. The reason for the choice of the company's name was that it was the next best thing to using Mr. C. R. Valentine's own name, but that Mr. Valentine could not do, as he was then manager of a department of the Colonial Consignment and Distribution Company. Mr. Valentine at that time assured him that his product would operate in an entirely different field to that of the meat-juice, and was a patented article. He also said that he had it in his mind to make essences of other food-stuffs, and it was his intention to see that the get-up was quite distinct. Witness was satisfied that there was a *bonâ-fide* business for a *bonâ-fide* company to carry on.

Cross-examined by Mr. Fletcher Moulton: There was no risk of confusion between the two articles to any sensible member of the public, though some might possibly arise by the surnames being the same. Chemists as a class would know Valentine's meat-juice, but he did not think grocers would. The general public would not know of Mr. C. R. Valentine's connection with the Colonial Consignment and Distribution Company. When the defendant company was formed no actual business was in progress, but he suggested that there was a goodwill in the promised support.

Mr. Henry Hewitt, manager of the grocery department of the Army and Navy Stores, Victoria Street, said he had known Mr. C. R. Valentine's name in the trade for some years, and witness had listed his meat-globules. They did not list everything that was brought to them. Plaintiffs' Valentine's meat-juice was out of his department altogether, and was listed in the drugs-department. Cross-examined: If there was nothing else in the Stores' catalogue under the name "Valentine," a person asking for "Valentine" might get from the assistant the plaintiffs' meat-juice, but it was not sold nor offered under the name of "Valentine"

Mr. E. R. Baines, a clerk in the employ of the defendants, said on November 11, 1897, he was appointed a director of the defendant company, and attended two board-meetings. On the 16th he resigned his directorship, and Mr. C. R. Valentine was elected in his stead. He took up the appointment for these two or three days under their solicitor's directions, because Mr. C. R. Valentine could not join the board until after allotment.

Mr. Moulton: If you wish to say that this gentleman was a dummy director, I will admit it.

Mr. Upjohn: Except when you were wanted for the purpose of the allotment you took no part whatever in the affairs of the company?—None whatever.

Mr. Frederick Walmsley Warwick, managing partner in Warwick Brothers, Grays Inn Road, pharmaceutical chemists, gave evidence as to the manufacture and delivery to the defendant, Mr. C. R. Valentine, up to the end of June, 1897, of about 800 globules. These were merely experimental.

Mr. Upjohn said he had witnesses to prove the manufacture and delivery to Mr. C. R. Valentine in the first half of 1897 of quantities of tin boxes, and of printed designs for the boxes in June, 1897.

Mr. Moulton said he would accept this assurance as sufficient.

This was the defendants' case.

Mr. Upjohn then addressed his Lordship on behalf of the defendants, observing that the issue for decision was this: Did the defendant company and its directors, in adopting the name of Valentine's Meat-extract Company (Limited), and in selling their goods under the designation and name of "Valentine's Valtine Globules," or "Valentine's Globules" without the word "Valtine," do so with the object and intention that the defendant company and its preparations should be mistaken for the plaintiff company and its preparations? And did the defendant (Mr. C. R. Valentine) deliberately and intentionally act with a view of leading up to this, and of selling his name to the defendant company under colourable disguise? In deciding that issue there were also some questions to be considered both of law and of fact. It was for his Lordship to say what was the law as to a man in his own name, or a name used without any fraudulent intention, embarking in a trade in which there was an established reputation belonging to someone else of the same name. If Mr. C. R. Valentine had done all this in his own name—not in the name of the company—would there have been any cause of action against him? Then there was the question that a person intruding into a field of commerce partly occupied by another of the same name and dealing in a similar subject-matter—though not, he should submit, in a rival business—might pass on the personal right he enjoyed to a company of which he formed part and of which he became a servant? The learned counsel pointed out that witness after witness had admitted that it was the name, and nothing else, that could have led to any confusion. In all the get-up of the boxes, bottles, jars, designs, trade-marks, &c., the two articles were entirely different, and there was no suggestion that defendants had so put their goods on the market as to lead the public to believe they were the plaintiffs' goods except in so far as both used the name "Valentine." Plaintiffs had produced a liquid, defendants a solid. Plaintiffs used a peculiarly-shaped bottle, adorned in a quiet and refined manner, so as not to be out of place in a sick-room; defendants a tin box, with designs suggestive of athletic exercises and ruddy health. Then the prices were essentially different What the plaintiffs said in effect was, "We are Valentines, and you must be kept out of the trade, and any distinctions you adopt will not assist you, because of a bare possibility of confusion of names." He challenged that as law, and said it was without authority. Mr. C. R. Valentine had been in the provision-trade all his life; and counsel cited numerous cases to support his argument that a man had a perfect right to carry on business in his own name, although there might be in the same business another man established in the same name. Neither Mr. Valentine, the founder of the plaintiff company, nor anybody else had any legal monopoly in his name to the detriment of others of the same name. All the authorities laid down that, where an application such as that before the Court was made, there must be proof of fraud or misrepresentation, and he submitted that there was no such proof in this case. All the evidence showed that the transaction between Mr. C. R. Valentine was a perfectly fair and honest transaction. He was the inventor of this meat-globule, which was patented in his own name, and the patent and the name were sold to the company. If the facts had been that Mr. C. R. Valentine had never been connected with the produce, provisions, and extract-of-meat trade, that he had not invented the meat-globules, and that the defendant company had sought him out and had induced him to join them merely for the sake of using his name, then his Lordship might have been justified in drawing an inference of fraud; but here the facts were exactly the reverse. He asked his Lordship to say that defendants had established in point of

fact (1) that it was the name, and nothing but the name, which was relied upon by the plaintiffs; (2) that defendants had done everything which could necessarily be done for the purpose of distinguishing their article from the plaintiffs' article, and had taken pains to make that distinction; (3) that the evidence showed that the defendant company was not conceived in fraud, but was an honest, *bonâ-fide* undertaking for the purpose of putting before the public and carrying on business in an article which was connected with Mr. Valentine, was produced according to his patented methods, and which really did not compete with the plaintiffs' article. If he was right in those three propositions he submitted that the case against him must fail. The charge of fraud ought never to have been made.

On Thursday Mr. Upjohn continued his speech for the defendants, and at its conclusion the hearing was further adjourned to enable Mr. Fletcher Moulton, Q.C., to reply on Friday morning.

Saccharin Patents.

Mr. Justice Stirling, in the Chancery Division, had before him on June 17 the action of Saccharin Corporation *v.* Digby, Hirsch & Co., which came up as a short cause on a motion for judgment in default of the defendants' appearance. Mr. Colefax, for the plaintiffs, said the action was brought to restrain infringement of chemical patents for the manufacture of saccharin which were the property of the Saccharin Corporation, and particulars of the breaches were set out in the documents. The particulars instanced a special quality of saccharin known as No. 1550, but the learned Judge, in giving judgment for the plaintiffs and restraining future infringements, struck out that number and made the order general.

Explosives Act.

The Storing of Gunpowder.

Mr. W. S. Wain, chemist and druggist, Ripley, was summoned on June 13 for keeping a quantity of explosives in excess of the maximum amount authorised by the Act, and also for not keeping certain packages of gunpowder in a substantial case. Mr. Wain pleaded ignorance of the law, and was fined 1*l.* and costs on the first summons, the second being withdrawn on payment of costs.

Sale of Food and Drugs Act.

Spt. Æth. Nit.

At the Driffield Police Court on June 15, Lewis Buttle Ross, chemist, was summoned for selling sweet spirit of nitre which did not contain the requisite amount of nitrous ether. Superintendent Clark said he purchased 6 oz., which Mr. W. J. Baynes, of Hull, found to be below the standard. The defence was that the state of the spirit was caused by the bottle being frequently opened. The case was dismissed with a caution, on defendant paying costs.

County Court Cases.

In the Westminster County Court on June 16, before Judge Lumley Smith, Q.C., Holloway's Wine Company (Limited), of 62 New Oxford Street, sought to recover 47*l.* 17*s.* for wine sold and delivered to Messrs. Armstrong, confectioners, of Fairfield, Liverpool.

Plaintiffs' case was that on March 22 their traveller obtained an order from the defendants for wine to the amount of the claim. The terms were three months' bill which might be renewed by the defendants; but as soon as it was tendered the plaintiffs were informed that no such order as that executed had been given. Another term of the agreement was that plaintiffs, at their expense, should take out a licence for the defendants. The contract was repudiated, and plaintiffs' view was that they might sue because the bill had not been given.

Edward Edwards, traveller to the plaintiffs, gave evidence of his calls, which, he said, resulted in an order. In cross-examination, he said it was not true that the company consisted of Mr. Holloway and six others only. Coca-wine was their speciality, but they did a general business as wine-merchants also. It was not true that Mr Armstrong said he would give a sample order. Mr. McIntyre (for the defendants): And you sent fifty-two dozens of wine? In answer to further questions, he said the licence was first taken out in the name of Edith Drysdale.

Mr. McIntyre submitted that the action was badly framed. The action was for goods sold and delivered, but that was not so. There might be a ground for an action for damages for refusal, but that was not enough.

Some argument ensued, and ultimately his Honour thought the point a good one, and nonsuited the plaintiffs, with costs.

A New Optical Illusion.

In the City of London Court, on Tuesday, before Mr. Commissioner Kerr, the case of Henry Kemshead (Limited) *v.* Plews and others, which has been mentioned in the columns of the *C. & D.*, was disposed of. The plaintiffs, printers, Lower Kennington Lane, sought to recover the sum of 26*l.* 7*s.*, balance of an account for work done and materials supplied to the defendants. Mr. H. W. Plews, chemist, 14 Basinghall Street, E.C., Mr. Edward Harvey, solicitor's clerk, employed at 17 and 18 Basinghall Street, and Mr. E. K. Law, Peach Bitters merchant, Bow Lane, E.C., trading as the "Penny Traitor Company." Law had not been served with the process of the Court. Mr. Germaine was counsel for the plaintiffs, and Mr. Frank Gover for the defendants Plews and Harvey. The plaintiffs' case was that the defendants conceived an idea for a very effective advertisement, and for that purpose they invented a little device called "The Penny Traitor." It was formed of two pieces of cardboard, with a small hole at the top. Into the hole a feather was inserted. It was claimed for the invention that by holding it to a strong light, and putting one's hand before it, an optical illusion could be produced, the effect being similar to that obtained by the use of the Rontgen rays. It had two names. One was "The Penetrator," and the other was "The Penny Traitor." The plaintiffs' case was that the defendants' gave them an order to print 250,000 copies of the design. The work was done, and the defendants had paid 128*l.* on account, but would not pay the balance. The defendants' case was that the goods were not delivered in time, and, therefore, they were not worth what they would have been. The plaintiffs had delivered to the defendants huge sheets of printing, instead of cutting them up and making designs as ordered. The matter had been referred to the Assistant-Registrar for inquiry. He now reported in favour of the plaintiffs for the full sum claimed. Mr. Gover objected to judgment being so entered, because he said the Assistant-Registrar had improperly dealt with the matter. Mr. Commissioner Kerr said he was quite satisfied that the Assistant-Registrar knew his business, and that as the whole matter had been before the Assistant-Registrar there was nothing to do but to enter judgment for the plaintiffs for the full sum claimed.

A Traveller's Influence.

In the City of London Court, on Wednesday, before Mr. Commissioner Kerr, Robert W. Richards, sought to recover 30*l.* as damages for breach of contract from Robinson, Parker & Co. 102 Fenchurch Street, E.C. Plaintiff's counsel said he was a commercial traveller for the sale of oils, disinfectants, &c. He was engaged by the defendants, who agreed to pay him 3*l.* per week in respect of travelling expenses and 5 per cent. commission on all orders which he took. The appointment was for six months certain. At the end of three months they terminated the engagement, on the ground that the plaintiff got them no business. Mr. Commissioner Kerr said he understood that the defence was that the engagement was terminated because of the plaintiff's misrepresentations. Defendants' counsel said that was so. They had been deceived. After hearing evidence, Mr. Commissioner Kerr said he could see no justification for the plaintiff's dismissal. He was engaged for six months' certain, but the plaintiff had exaggerated his damage. After all, the damage was only problematical. There would be judgment for the plaintiff for 15*l.*, and costs.

The Saccharin Litigation.

IN the Chancery Division, before Mr. Justice Stirling, on Thursday, the case of the Saccharin Corporation *v* Fahlberg was mentioned. Mr. Ingpen said there was an action between the parties in the Queen's Bench Division, and it had been arranged that all matters in dispute in the litigation in that division should be referred to an arbitrator. It had also been agreed that the Chancery action, which stood two or three down in his Lordship's list, should be transferred to the Queen's Bench Division, and his present application was that the transfer might be ordered. Mr. Justice Stirling referred the matter to the Registrar to make the necessary order—Mr. Kirby, for the other side, consenting.

Chemist's Assistant Committed for Embezzlement.

AT the Grantham Police Court, on June 20, before Mr Geo. Slater and Ald. A. G. Gamble, Josiah James Dixon Cart aged 32, a chemist's assistant, of Syston, Leicestershire, was brought up under a warrant charged with obtaining by means of false pretences 10*s*. from Mr. Edmund Bowman, manager to Mr. Geo. Coverdale, chemist, of 72 and 73 High Street, Grantham, on March 18 last. The prosecutor said he inserted an advertisement in THE CHEMIST AND DRUGGIST for an assistant, and, amongst others, received an application from the prisoner. Witness wrote accepting the application, and asked him to come on. After this there was a lot of correspondence, and ultimately the prisoner wrote to the effect that, having been put to considerable expense through the death of his mother, he had not sufficient money to enable him to come to Grantham, and asked Mr. Bowman to lend him 10*s*., which he suggested should be deducted from his first week's wages. On March 19 witness sent him a cheque for 20*s*., to enable him to come to Grantham and take up his duties, but prisoner never turned up. There were several other letters from prisoner making excuses for not having come. Mr. G. R. Casburn, Chief Constable of Grantham, spoke to going to Leicester on the previous day, and receiving the prisoner from the custody of the Leicester County Police. He saw prisoner write, and was then satisfied that the letters received by Mr. Bowman were in his handwriting. Witness also ascertained that the prisoner's mother was not dead, but was living in Leicester. On reading the warrant over to prisoner, he said he was very sorry for what he had done, and he intended leading a better life in the future. Prisoner now pleaded that he was exceedingly sorry that this had been brought about, and he pleaded guilty to it all. Had he known what it would have brought him to, it would have been different, but in consequence of financial difficulties, domestic troubles, and slight illness he did not know what to do. Of course, he had told many lies, but if he could get off with a lenient sentence it was his intention in future to lead an honourable and upright life. It was with very great regret that he found himself in that position; he was the only member of his family who had transgressed against the law. He was committed for trial at the Quarter Sessions for the borough, bail being allowed in two sureties of 10*l*. It is stated that the present is only one of many similar cases in which the prisoner has been connected.

[Several correspondents have written to us about this trick. We suggest they should now report to the Grantham police.]

Deeds of Arrangement.

Floyd, Joseph, Soham, retired chemist and druggist. Dated, June 12; filed, June 16. Liabilities unsecured, 131*l*. 5*s*. Composition of 5*s*. in the pound, payable within one month from date hereof, secured by a surety. The following are scheduled as creditors:—

	£	s.	d.
Evans, Lescher & Webb, London	15	0	0
Pitchers (Limited), London	17	0	0
Sutton & Co., London	25	0	0
Wyleys (Limited), Coventry	15	0	0

McBean, Angus, 194 Cow Gap Lane, Blackpool, mineral-water manufacturer. Trustees, Harry L. Price, 79 Mosley Street, Manchester, I.A., and another. Dated, June 13; filed, June 15. Liabilities unsecured, 815*l*. 18*s*. 11*d*.; estimated net assets, 3,2*l*. 8*s*. 4*d*. The following are scheduled as creditors:—

	£	s.	d.
Ashworth, R., Blackpool	25	0	0
Bowness, W. N., Blackpool	13	0	0
Carder & Co., Chester	19	0	0
Clough, W. C., & Co., Pendleton	18	0	0
Duckworth & Co., Manchester	26	0	0
Eagles, William, Salford	97	0	0
Galloway Brothers, Bolton	38	0	0
MacBean, Mrs, Blackpool	300	0	0
Rear & Co., Manchester	195	0	0
Sudall, John, Blackpool	19	0	0

New Companies & Company News.

ARGENTINE BORAX COMPANY (LIMITED). — Capital 150 000*l*., in 1*l*. shares. Objects: To manufacture and deal in borax and other chemicals, and to adopt an agreement with A. Cohen.

AEGGONA FOOD SWEETMEAT COMPANY (LIMITED).—Capital 5 000*l*., in 1*l*. shares. Objects: To manufacture and deal in food-preparations, medicines, confectionery, &c. The first directors are A. B. Soltz and M. M. Cohen. Registered office, 35 Penton Place, Pentonville Road, N.

JAMES FISON & SONS (LIMITED).—Capital 60,000*l*., in 10*l*. shares (2,200 preference). Objects: To acquire and carry on the business of maltsters and vitriol and chemical-manure manufacturers carried on at Thetford, Dereham, and King's Lynn, Norfolk, and elsewhere, as "James Fison & Sons." Registered office, Bridge Street, Thetford, Norfolk.

CORNWALL OCHRE MINES (LIMITED).—Capital 20,000*l*., in 1*l*. shares (5,000 preference and 100 deferred). Objects: To take over the "St. Goran's Mines Company (Limited)," and to carry on business as miners and manufacturers of and dealers in ochres and other minerals, colours, chemicals, and drugs. Registered without articles of association.

FLOYD & CO. (LIMITED).—Capital 5 000*l*., in 1*l*. shares (2,500 preference). Objects: To take over the business of "James Floyd & Co.," chemists and druggists, of Bury St. Edmunds. The subscribers are:—J. T. Bentley, Cornhill, Bury St. Edmunds, chemist; W. C. Ainley, Mirfield, Yorks, professor of music; Mrs. M. Ainley, East Field House, Mirfield, Yorks; Miss A. F. Ainley, East Field House, Mirfield, Yorks; Mrs. M. Ainley, Springfield Road, Bury St. Edmunds; E. T. Ainley, 2 Cornhill, Bury St. Edmunds, druggist; and Mrs. E. Bentley, 2 Cornhill, Bury St. Edmunds. E. T. Ainley and J. T. Bentley are managing directors, with 156*l*. each per annum and a share in the profits. Qualification, 100*l*.

WRIGHT, LAYMAN & UMNEY (LIMITED). — Capital 100,000*l*., in 1*l*. shares. Objects: To acquire and carry on the business of wholesale druggists and manufacturing chemists carried on at 48–50 Southwark Street, S.E., 63–68 Park Street, Southwark, S.E., and Union Hall, Borough, S.E., as Wright, Layman & Umney. The subscribers (who are also the vendors) are:—C. N. Layman, C. Umney, H. C. Wright, E. B. Layman, J. C. Umney, F. N. Layman, and E. A. Umney, all wholesale chemists and druggists, of 48–50 Southwark Street, S.E. The first directors are the above subscribers. Qualification, 1,000*l*. Remuneration as fixed by the company. [We are informed by this company that the whole of the shares, ordinary and preference, are taken by the subscribers. No alteration will be made in the conduct of the business, the conversion being made solely for family reasons].

KODAK (LIMITED).—The directors have declared an interim dividend on the comoany's preference issue, for the quarter ending June 30, 1899, at the rate of 6 per cent. per annum, and on the ordinary shares at the rate of 10 per cent. per annum for the same period.

MANNHEIM AKTIENGESELLSCHAFT FÜR CHEMISCHE INDUSTRIE made a net profit in 1898 of 251,535m., from

which a dividend of 7 per cent is to be paid. The Sanitas Company in Hamburg has been converted into a joint-stock company, with a capital of 2 000,000m.

Johnson's Saccharum Company (Limited).—In the Chancery Division of the High Court on June 17, a petition for the alteration of this company's memorandum of association was in Mr. Justice Byrne's list, but it was reached very late in the day, and his Lordship directed it to stand over for a week, and come before Mr. Justice North.

Birmingham Vinegar Brewery Company (Limited).—The annual meeting was held at Birmingham yesterday, Major F. C. Rasch, M.P., presiding. The report, which was adopted, showed a profit of 22 268*l.* 7*s.* 11*d.*, and a dividend of 10 per cent. on the ordinary shares, making, with the interim dividend of 5 per cent., 15 per cent. for the year, was declared.

Homocea (Limited).—The report of the directors for the year ending March 31 last states that considerable saving has been effected, and they are able to report progress in trade. They require more capital, however, and have decided to issue 20,000*l.* in 5 per cent. debenture-stock secured upon their freehold premises at Birkenhead and their other assets. The balance-sheet shows a loss of 564*l.* for the year.

The Ceresine Syndicate held a meeting recently in Berlin. The syndicate consists of Compes & Co., Düsseldorf; A. Biermann & Co., Halle a S.; Graab & Kranich, Berlin; S. F. Holtzapfel, Coburg; the Cologne Ceresin Factory (Mans Brothers), Cologne; Georg Schutz, Frankfort a M.; Leopold Henschel, Kattowitz; J. F. Otto (C. Steinbock), Frankfort, O., and Karl Netz, Jena, who were represented. It was unanimously decided to build a German export ceresin factory in Hamburg for the purpose of extending the export-trade.

Clayton Aniline Company (Limited).—At the annual meeting of the shareholders of this company on June 16, Mr. Max Baerlein in the chair, a profit of 10,251*l.* was reported. A dividend of 6 per cent. on preference shares and 5 per cent. on ordinary shares was declared. The chairman stated that owing to the fall in prices the past year had been one of anxiety to the directors. The prices had been the lowest on record, although the consumption of their products was constantly increasing. Their chemists had been working a long time on new colours.

Hugh Moore & Alexanders (Limited), Chemists.—The ordinary general meeting of the shareholders of this company was held at Dublin on June 19, Mr. W. F. Moore in the chair. The Chairman, in moving the adoption of the report, mentioned that the two establishments, which by amalgamation formed the company, had a history of considerable standing. The Linen Hall firm was established in 1830, and Messrs. Alexanders in 1861, and they were looking forward to the amalgamation with anticipations of success, and if that good fortune which had previously attended the separate establishments would attend them in their future conjoint state he was sure the shareholders would be satisfied. A dividend at the rate of 5 per cent. on the preference shares and 6 per cent. on the ordinary shares was adopted.

Vinolia Company (Limited).—The prospectus of the Vinolia Company (Limited) has been issued. The capital of the company is 250,000*l.*, half of which is in 5-per-cent. cumulative preference shares and the remainder in ordinary shares. The preference shares only are offered for subscription. The vendors take the whole of the ordinary shares and 50 000*l.* in cash besides in payment for the goodwill, trade-marks, patents, registered designs, stock-in-trade, book-debts, leases, and all other property of every kind or description connected with the business. This business was originally founded in 1888, and was carried on under the trade-name of Blondeau et Cie. until April, 1898, when for family reasons it was converted into a private company, with the nominal capital of 100,000*l.*, under the name of Vinolia Company (Limited). Two eminent firms of accountants certify that the average annual net profits of the company for the three years ending August 31, 1898, amounted to 16,665*l.* 1*s.*, the sales and profits of each year being in excess of the year preceding. The sales for the current year show an increase over those of the corresponding part of the preceding financial year. The company propose to manufacture Vinolia soap from the crude materials, and a modern glycerin-distillery has also lately been erected. The subscription-list will close on or before Monday next.

Trade Notes.

The Dr. Tibbles' Vi-Cocoa Company have purchased fifty acres of land in St. Alban's Road, Watford, on which they intend erecting works at which 1,500 hands will be employed.

Mr. Thomas Jackson, of Manchester, taking note of the decision of the London County Council not to allow chemists unlicensed under the Petroleum Act to bottle their own benzine, suggests that they should stock his.

Messrs Shirley Brothers, of the Whitecross Works, Rockingham Street, Newington Causeway, send us a new illustrated price-list of their manufactures. They particularly wish it to be understood that they are not a druggists' sundries house in the ordinary acceptation of the term, but that they confine their attention to the articles they themselves produce or pack for the trade. Among their specialities they are now making a leading line of plain and decorative tins for chemists' goods.

The "Dylissia" Preparations, the name of which puzzled us a few weeks ago, are now revealed to be a set of toilet-articles prepared by Messrs. Durant & Co., of 19 Mount Pleasant, London, W.C. They include a white, pink, and cream toilet-powder, a violet-powder, a toilet-cream, a medical cream (for eczema and skin-eruptions), a baby-cream, a dentifrice, and red and white lip-salves. Messrs. Durant & Co. have certainly produced excellent preparations, and they put them up in a style which adapts them to the highest-class trade. The various packages were illustrated in the firm's advertisement last week, though of course the tints could not be given. The prices quoted are as moderate as they can be considering the high quality of the materials and of the perfumes used.

Eureka Cellular Bandages.—Mr. Vincent Wood, Albion Place, Blackfriars Bridge, S.E., has this week put on the market a new style of woven material for bandages. It is a white or drab cotton fabric of an exceedingly open texture, and cool and soft in wear, and the goods made from it are adapted for summer use and for export to tropical countries. From this material Mr. Wood makes four kinds of suspensory-bandages, costing from 6*s.* to 12*s.* per dozen, each bandage being made entirely of the material, saving, of course, the necessary buckles. He has also produced from it a new style of abdominal belt for ladies, in which there is an elastic insertion at each side secured by laces, so that the inserts may be removed and the rest of the belt put to the wash. The belt, while being cool in the wearing, gives good support. Similar belts are made with elastic, and the material is also used for making gentlemen's body-belts.

Business Changes.

Messrs. H. Lamplough (Limited) have opened a new pharmacy at 134 Cheapside, E.C.

Messrs. Williams & Burbridge, of Portsmouth, are about to open a branch business at Havant.

Mr. T. Robinson, homœopathic and pharmaceutical chemist, has removed from 47 St. Vincent Street to the St. Vincent Pharmacy, 28 West Nile Street, Glasgow.

Mr. W. J. Vaughan Fowden, late with Messrs. Westmacott & Son, Manchester, and recently head dispenser to Mr. Perks, Sloane Square, London, has purchased the business of Mr Joel Foden, chemist and druggist, Church Street Altrincham, Cheshire.

The increasing volume of work in the Wellcome chemical-research laboratories has compelled Mr. Wellcome to secure more extensive premises for this department. For this purpose he has acquired the four-storeyed building, 6 King Street, Snow Hill, the interior of which is being thoroughly overhauled, and Dr. F. B. Power, the director, will soon be installed there with an increased staff of scientific workers.

Proprietary Articles Trade Association.

Council-meeting.

THE first meeting of the newly-elected P.A.T.A. Council was held at the Agricultural Hall on Tuesday, June 20. In the absence of the President (Mr. H. J. Hall), through ill-health, Mr. Charles Sanger occupied the chair.

The Chairman said the first business before the meeting was the appointment of officers for the ensuing year. He moved the election of Mr. A. Tebbutt (Messrs. W. Sutton & Co) as President. It was a rule of the Association that each Section should have the honour of appointing a President each year in rotation, and it was now the turn of the Wholesale Section. He was sure that nobody could be found more suitable for the position than Mr. Tebbutt. If Mr. Tebbutt would fill the President's chair as well as he could reply for "The Ladies" at the annual dinner, the affairs of the Association were in very capable hands indeed. (Applause) Mr. A. Cooper, in seconding, said he had known Mr. Tebbutt ever since his connection with the P.A.T.A, and he could say from personal acquaintance that the Association had neither a better friend nor a better worker than Mr. Tebbutt. The motion was carried by acclamation, and Mr. Sanger quitted the chair in favour of the new President, who, in thanking them for the honour conferred on him, said he could not personally congratulate them upon their choice, but as they honoured him with their confidence he would do his level best to carry out the duties involved.

Mr. F. W. Powell (Messrs. Thomas Powell, Limited) was elected Manufacturers' Vice-President, Mr. E. P. Sanger Vice-President of the Wholesale Section, and Mr W. R. Barnes Vice-President of the Retail Section. Mr. Barclay was re-appointed Hon. Treasurer.

The Secretary stated that the arrangements for the annual meeting and dinner were now completed, and both these functions would be held in the Chemists' Exhibition buildings the next day. The procedure at the annual meeting was discussed at some length, and, at the request of several new members of the Council, Mr. Glyn-Jones explained the Defence Fund scheme drawn up by the Executive Committee, which was to be put before the annual meeting.

The P.A.T.A. Council,

as recently elected, is composed of the following representatives. No contest took place for seats on the Wholesale and Retail Sections of the Council, but the ten seats vacant in the Manufacturers' Section of the Council were contested.

Manufacturers' Section.

Bovril (Limited), 30 Farringdon Street, E.C.
Edgar's Croup-lotion (Limited), Dartford.
Garratt, J. E., 124 Southwark Street, S.E.
Gosnell, J., & Co. (Limited), 93 Upper Thames Street, E.C.
Keene & Ashwell (Limited), 74 New Bond Street, W.
Lambert, W., & Co., 173 Seymour Place, W.
Möller, Peter, 18 High Holborn, W.C.
Newton, Chambers & Co. (Limited), Thorneliffe, Sheffield.
Powell, Thomas (Limited), Blackfriars, S.E.
Sanitas Company (Limited), Bethnal Green, E.

Wholesale Section.

Barclay & Sons (Limited), 95 Farringdon Street, E.C.
Burgoyne, Burbidges & Co., 16 Coleman Street, E.C.
Edwards, W., & Sons, 157 Queen Victoria Street, E.C.
Evans, Gadd & Co., Fore Street, Exeter.
Hirst, Brooke & Hirst (Limited), Leeds.
Maw, Son & Thompson, 7 Aldersgate Street, E.C.
May, Roberts & Co., 9 Clerkenwell Road, E.C.
Newbery, F., & Sons, 1 King Edward Street, E.C.
Sanger, John, & Sons, 2 Winsley Street, W.
Sutton, W., & Co., 76 Chiswell Street, E.C.

Retail Section.

Barnes, W. R., Upton Manor, E.
Bunker, C. J. G., Great Dover Street, S.E.
Cooper, A., South Kensington, S.W.
Garrett, T. P., Newport.
Hessell, James, Highgate Road, N.W.
Jones, W., Birmingham.
Pickard, S. N., Bradford.
Rowsell, F., Exeter.
Nicholls, Theophilus, South Hackney, N.E.
Wokes, T. S., Liverpool.

The Annual Meeting.

The annual meeting of the P.A.T.A. was held on Wednesday at the Agricultural Hall, Islington, Mr. A. Tebbutt (the President) in the chair. The members present included :—

Mr. B. Hirst and Mr. H. H. Smith (Hirst, Brooke & Hirst, Leeds), Mr. J. Maurice and Mr. A. D. Breeze (Plymouth), Mr. S. Roberts (May, Roberts & Co.), Mr. Chas. Thompson (Birmingham), Mr. Sharman (Northwood), Mr. Neale (Woolwich), Mr. F. C. Wippell Gadd (Exeter), Mr. Morgan (King's Cross), Mr. T. P. Garrett (Newport), Mr. Knott (Bolton), Mr. A. L. Newbery (F. Newbery & Sons), Mr. P. Edgar (Dartford), Mr. Cummings (Dundee), Mr. J. E. Garratt (London), Mr. P. F. Rowsell (Exeter), Mr. Hayman (Hayman & Co.), Mr. J. H. Wilson, J.P., Mr. J. Humphreys (Bleasdale, Lim.), Mr. C. Sanger, Mr. J. W. Lee (Frame Food Co., Lim.), Mr. W. A. Goodall (Fulham), Mr. P. Cornell (Ipswich), Mr. J. Need (Malvern), Mr. Easterway (John Gosnell & Co.), Mr. Hessell (Highgate), Mr. Barker (Finsbury Park), Mr. P. Sanger, Mr. H. Conyngham (Dublin), Mr. Nicholls (Hackney), Mr. Simpson (Stalybridge), Mr. Kingzett (Sanitas Co.), Mr. G. H. Gossop, Mr. Thos. Stead, Mr. T. C. Cornwell, Mr. G. W. Niblett, Mr. D. L. Evans, Mr. J. W. Reed, and Mr. W. S. Glyn-Jones (Secretary).

It was agreed at the outset that the report of the Executive Council should be taken as read. In moving its adoption, the Chairman expressed his obligations to the Association for having elected him as the President for the ensuing year, and promised to use his best efforts to promote its usefulness. On the whole, he went on to say, the past year had been a fairly successful one. There could be no doubt that each year the Association became a more established power for the good of all chemists who joined it in stopping unreasonable and dishonest competition. (Hear, hear.) Numerous cases of cutting had been reported and dealt with by the Association. With the exception of one or two they had all been courteously treated. The one or two exceptions had been "stop-listed," and supplies had been cut off. It was not desirable to publish details of those cases. It had been whispered that the Association was inactive, but that was not the fact. Ample evidence of their energy was afforded in the circumstance that many of the large firms on the "stop list" had recognised the utility of signing the agreement of several prominent firms. They had not held so many meetings during the past year as formerly. That was because they now had local secretaries all over the country. The Executive Council had drawn up a scheme for the formation of a Trade Defence Fund, and he hoped it would be adopted. They had had a continued increase in proprietors joining their ranks. During the past year twenty-six had become members, while twelve had withdrawn. With regard to the latter, the reason was to be found in change of proprietorship in some instances, lack of capital in others, while some were attributable to lack of business discernment. (Laughter and cheers.) The wholesale section remained about the same. There was only one firm outside. (Cries of "Name.") They could not report a gigantic increase in the retail section ; but, personally, he did not believe in leaps and bounds, as there was always a chance for the leap to be in the wrong direction. It was clear that the Association was well weighed before members joined it. They had suffered a loss owing to the temporary absence of their under-secretary, Mr. Johnston, who was thus checked in his canvassing; but that had now been arranged. Their cash receipts were 112*l.* in excess of the previous year. That was exceedingly satisfactory. Their total receipts for the year were 1,287*l.*, all of which they had spent with the greatest ease—(laughter)—except 21*l.* In conclusion, he expressed the sincere regret of the meeting at the death of Mr. Herbert Seely, of Halifax, the ex Vice-President, who was an indefatigable worker.

Mr. A. Cooper (South Kensington) seconded the motion, and hoped that their membership would increase. Of the 5,000 retailers who were interested in proprietary articles, they only had two-thirds. Why should they not get the rest? Was there a good cause?

The report was adopted amidst applause.

A Defence Fund Adopted.

Mr. Sanger then moved:—

That the Executive Committee be asked to take immediate steps to establish a Defence Fund on the lines laid down in the annual report.

Some of them, he remarked, might think it improper on his part, seeing that he was not a retailer, to move that resolution. He thought the establishment of a trade defence fund was a move in the right direction, and that chemists should bind themselves together. Many of the prosecutions which were now instituted against chemists would never be heard of if it were known that they had someone at the back of them. They were frequently started by a local man who had a spite against the chemist, the latter finding, when he got to the court, that he could do nothing but pay. Such cases would not be taken up with the same ease and facility when their defence fund was an accomplished fact.

Mr. Rowsell seconded the motion. Speaking as a retailer, he thought, with a few alterations, the scheme would become very helpful to retail chemists. There were two or three remarkable points about it. Retailers who were members of the Association became members of the Defence Fund on payment of a subscription of half-a guinea; while those who did not belong to the Association would pay 1*l.* 1*s.* If a retail chemist was prosecuted in connection with his business, then the fund would defend him to the amount of 10*l.* In itself, the 10*s.* 6*d.* was well worth that provision. In addition, if any of them should be unfortunate enough to have an accident in dispensing, or what not, the fund would help them to pay damages to the extent of 500*l.*

Mr. Glyn Jones explained the scheme and the proposed working of it at some length. It had been suggested, he observed, that the hold of the Association on chemists generally was not what it should be, and that the Trade Defence Fund had been brought forward to catch their support to the Association. Nothing was further from their minds. The Association was now receiving more support from chemists than it had done at any time in its history. Their members had asked them to defend them from vexatious and frivolous prosecutions. Retail chemists pointed out that the work needed doing, and, as they had an organisation which could deal with the matter, a solution had been offered. They had a splendid local organisation throughout the country. They had 3,000 or 4,000 members of the Association, but that did not represent the number who wished them every success, and who were hearty supporters of the movement now promulgated. There were chemists who were non-members of the Association who did not cut prices, and who had done a great deal more to support the work of the Association than had some members themselves. One point was that all retail members of the drug-trade benefited by the Association. So long as a chemist obtained the profit which that Association was agitating for, he might be indisposed to become a member. But those who were members would of course get an advantage over non-members in joining the Defence Fund. If chemists who had not yet joined the Association wanted to stand in with them, naturally they must pay an enhanced subscription. The scheme in itself was not a very big thing. But there were several Acts of Parliament affecting chemists as traders under which they were constantly being worried. The Council of the Association had no intention of making it easy for people who broke the English law—(hear, hear)—or for people who sold goods which were not of the quality and substance demanded. What the chemists of England felt was that it was the practice in more than one district for the local authorities to regard it as a duty on their part to secure a certain number of convictions per annum against chemists; not to stop palpably dishonest trading, but to obtain convictions by tripping, and by summoning people on trivial and tricky grounds. (Cheers.) Every defendant in the country was entitled to a defence. It had been said that if a chemist paid them half a guinea a year he might rob the public and break the law, and have the protection and assistance of the Defence Fund, which would defend him. That was not the position at all. The Committee of the Defence Fund would not try the man's case. They were not going to assume the functions of the magistrate. They would defend the man if he had paid his subscription, for they must remember that even notorious criminals were defended by the Government. (Laughter.) If it was shown at the trial that the chemist whom they defended was "a bad lot," a trader whom they should not assist, they would say, "No; we have had your half-guinea once, and defended you once; but we will not take you on any further." If a chemist was proved guilty they did not undertake to pay his fine or the prosecution's costs. Much difficulty had been experienced by chemists in going to a solicitor who turned out, when it was too late, to know very little trade-law. The Association had a solicitor who had made the law applicable to chemists his special study, and who would be able to give expert advice. Under this scheme everyone would have his defence, and if it was considered desirable to take cases to the High Court on appeal that would be done by the Defence Fund, if the Committee so decided. Of course, it would be necessary to have a guarantee fund, and, in order to get that, it would be necessary to get promises of certain amounts. That, it was thought, might be done by issuing shares which would be taken up by the trade. An incorporated company would be formed, although they had endeavoured to steer clear of that; and shares of 1*l.* each would be issued. There was a suggestion that they should insure chemists against dispensing-accidents. That was rather a large undertaking. If the Defence Fund was going to be responsible for every case that took place, they would have to be in receipt of half a guinea from every chemist and druggist in business. Before they ran a risk for all the trade, all the trade would have to become members. They could not find more than one reported case resulting in damages having to be paid for an accident. It was to meet the possibility of their having to pay for an accident that the reserve fund was thought to be necessary. Sometimes the wrong stuff was sent out by the wholesale firm; but, if the chemist sold it, of course he was liable to the customer. If a wholesale house took 100*l.* worth of shares they would have protection up to the sum of 500*l.* The Defence Fund would be kept separate from the P.A.T.A. so far as finances were concerned.

Mr. Need (Malvern) wanted to know whether the Defence Fund would defend cases brought by the Pharmaceutical Society.

Mr. Glyn-Jones replied that they did not intend doing anything of the sort. They could not be prosecutors with one hand and defenders with the other.

Mr. Nicholls (South Hackney) thought there ought to be more than one legal adviser. Chemists in business, say, 150 miles from London could not conveniently consult a lawyer in town. Their disputes were generally technical and very abstruse. He suggested that a solicitor for each district should be appointed.

Mr. Rowsell pointed out that many local associations had an honorary solicitor, who was only paid when employed.

Mr. Glyn-Jones said they would have their own solicitor in London, who would, if necessary, remit all the papers to a local practitioner, who would be advised of all the "tricks" of the trade, specially referring to the subject-matter being litigated. That was quite a common practice.

Mr. Bell, Secretary of the Sunderland Association, telegraphed to say that they supported the formation of the Defence Fund.

Mr. Allwood Simpson (Stalybridge) did not think there would be any great demand on the Defence Fund, and that the subscription suggested was too high. If non-members had to pay 1*l.* 1*s.* a year, in ten years they would have paid the 10*l.* required for one prosecution. He thought the subscription should be 10*s.* 6*d.* to outsiders, and 5*s.* to members of the P.A.T.A. That would provide ample funds to cover all demands.

Mr. S. N. Pickard (Bradford) was opposed to the scheme twelve months ago, but since then he had come to the conclusion that it was a very good one and should be adopted without delay. There had been too many frivolous prosecutions of late. Even essential oils, which did not affect the public much, and out of which they used to get a little profit—(laughter)—had been attacked. When the authorities heard that the Defence Fund had been formed they would be very careful how they prosecuted.

Mr. C. J. G. Bunker felt that for the first few years they ought not to make the subscription less than 1*l.* 1*s.* to non-members and 10*s.* 6*d.* to members.

Mr. Benjamin Hirst (Leeds) could not help thinking that wholesale firms had been left out of the question in the matter of subscriptions. The interests of the wholesaler and the retailer appeared to him to be so much bound up together that if they were not treated together it would be a misfortune. If a prosecution were instituted, say, for the sale of sweet spirit of nitre, the evidence of the wholesale firm would be against the interests of the retailer. No wholesale firm ever sent out an article like sweet spirit of nitre under strength. It was a question of keeping. In those circumstances it was important that the defence should be conducted on mutual lines. Whenever a customer came to grief, or got a summons under the Food and Drugs Act, he nearly always appealed to the wholesale house. If wholesale houses were allowed to make subscriptions to the fund, he would suggest that the sum should be five guineas. He thought that the dangers at present existing had been under-estimated.

Mr. Glyn-Jones desired to add that it would be necessary for the Defence Fund to do a good deal of Parliamentary work. With all deference to the Pharmaceutical Society and its Parliamentary Committee, the Acts which affected their trade had not been watched as they were in other trades. There was a Food and Drugs Bill now before Parliament; but, although he was a member of the Council of the Pharmaceutical Society, he could tell them nothing about the measure. No representations had been made to Government with a view to meeting the views of the chemists. Now, in the grocery trade, deputations had waited upon the Government, and Mr. Long had accepted the recommendations, as grocers, like chemists, only wanted an Act which could be fairly and honestly administered. If he had to sell oil of juniper up to a certain standard let it be known what that standard was, and then let it be enforced throughout the country. Why should he be compelled to sell an article which his neighbour could buy for 3*s* or 4*s*. per lb. less? In reference to the sale of spirit of nitre there was already a provision in the Food and Drugs Act which had not been taken advantage of by chemists when charged with offences in connection with it. Nine times out of ten chemists were brought into court when spirit of nitre had deteriorated, and when no wilful adulteration had taken place. (Hear, hear.) There ought to be a distinction drawn between a deficiency due to carelessness and downright adulteration. Chemists were often brought up like thieves, charged with wilful adulteration when they had done nothing of the kind. Magistrates at present had to rely upon the evidence given by the analyst called for the prosecution. The Defence Fund would have to employ an analyst who was up to all the tricks used by the prosecuting analytical chemist. (Cheers.) There were tricks, he could assure them. In some cases the treatment of a defendant was most unscrupulous. The Defence Fund would change that condition of things.

The resolution was then put to the meeting and agreed to *nem. con.* amidst much enthusiasm.

VARYING WHOLESALE PRICES.

Mr. Stokes said he desired to call attention to a matter of some importance. A customer ordered of him a bottle of Ashton & Parsons's phosferine, but afterwards told him he had had a bottle sent from the firm for 11*d*., postage paid, although the price he (the speaker) had to pay was 11*s*. 2*d*. per dozen bottles net. He had every reason to believe that this statement was true.

Mr. Glyn-Jones said the homœopathic trade in both the wholesale and retail branches sadly wanted looking after. Firms had all sorts of prices for the same articles. He knew of an instance where two retailers in a town were charged different prices.

Mr. Sharman (Northwood) said a customer of his had been supplied by Mr. Congreve with his elixir at a price which was less than the retailer paid.

Mr. Cornwall desired some explanation as to a statement by Mr. Cowan in the trade Press that the Association was making a profit.

Mr. Glyn-Jones said the balance-sheet gave a complete answer.

The Chairman mentioned that his firm had had to pay 2*s*. 6*d*. a dozen for homœopathic remedies to Ashton & Parsons, while their retail customers had been supplied with them at 1*s*. 3*d*. Now they got their customers to buy them for them. (Loud laughter.)

Mr. J. H. Wilson, J.P. (Harrogate): Then you are getting 100 per cent. profit yourself?

The Chairman: Oh, no. We do not get 2*s*. 6*d*. for them. We charge what we can get. (Renewed laughter.)

THE MEDICINE-LICENCE.

Mr. Ward (Southwick) suggested that the Council should approach the Inland Revenue Commissioners with a view to increasing the patent-medicine licence, and limiting the sale of patent medicines to chemists.

Mr. Cooper said chemists had brought the present condition of things upon themselves.

Mr. Glyn-Jones said there were 30,000 patent-medicine licences issued every year, and the duty was 5*s*. There were only 8,000 chemists in business in the country. They would have to pay at least 1*l*. a year to equalise the revenue, and he did not think it would be considered that chemists ought to have the exclusive right to sell patent medicines.

On the motion of Mr. Shorrick (Bovril, Limited), seconded by Mr. Pickard, a hearty vote of thanks was passed to the Chairman for presiding.

The Chairman having expressed his thanks, the meeting terminated.

THE DINNER.

The third annual P.A.T.A. dinner was held on Wednesday evening at the Agricultural Hall, and was a social success. The company numbered nearly a hundred, and included about

THE PRESIDENT.
"Ornamental, but also hard-working."

a dozen ladies. The new President of the Association, Mr A. Tebbutt, was in the chair, and the vice-chairs were occupied by Mr. Albert Cooper, Mr. G. R. Barclay, Mr. Percy Edgar, Mr. E. P. Sanger, and Mr. Carter.

The toast-list following the dinner was not too long, and the speeches were commendably concise. The principal toast, that of the Association, was proposed by Mr. Wilson (Harrogate) in a spirited speech. He claimed that the P.A.T.A. had revolutionised the relations between manufacturers, wholesale dealers, and retailers. Its indirect results had, perhaps, been even greater than its direct effects. It had not only brought into its fold old-established remedies like chlorodyne, but the newer discoveries like the Daisies, the Munyon, the Frogs—perfected, no doubt, as Mr. Garratt could tell them, after years of study—had fallen into line, and it was impossible to read the advertisements in the trade journals without observing that a new phraseology, about protected prices, living profits, and the like, had come into existence. All this was the result of the work of the P.A.T.A. Their President had a good sound horse, and he was confident that he would run him straight. And they had in Glyn-Jones a Sloan or a Cannon for jockey. There was an old song, "We all love Jack." He might say that chemists all love Jones. He congratulated him on his recent victory and election on the Council of the Pharmaceutical Society. He would certainly not be a round peg in a square hole at Bloomsbury.

Mr. Glyn-Jones, in responding, thanked Mr. Wilson for his kind personal remarks. He confessed that he was proud of his success at the poll, gained largely as it was by the votes of his friends of that Association. His views on pharmaceutical subjects might be wrong, or they might be right. But he insisted that men with some views were needed on the Council, and, while he should always be glad to listen to the counsels of men of much greater experience than himself, he certainly would not abandon his opinions, such as they were, except for good solid reasons. There were very able men on the Council, and it was even unfortunate

MR. WILSON, J.P.
"Look at the advertisements in the trade journals."

that some of them were so able that they had carried their policy without question. Dealing with the P.A.T.A., he said its supporters were sometimes sneered at as men who were afraid of competition. They were not afraid of fair competition, but there was a form of it which bordered on dishonesty, and this was what they had resisted. They had only exercised the right of all animals to unite to prevent their being destroyed. Mr. Wilson had spoken of the indirect results which had followed their agitation. These existed, no doubt. But they must be able to show something more than indirect

MR. ALBERT COOPER, F.C.S.
An admirer of the Press.

results, and he claimed that they had put actual *l. s. d.* into the pockets of the trade. There was no lack of dignity in thus insisting on the principle that the labourer was worthy of his hire. Whatever lack of dignity there might be would consist in submitting to unfair conditions. Some of their friends had said they had been very quiet of late. He reminded them that this was partly because they had so much to do. They had now some 180 articles on their list, and, besides, it was not a part of their policy to cry on the housetops all they were doing. Many of their bitterest opponents had been forced—he used the word advisedly—forced to make individual arrangements with proprietors. This was a part of the work they were doing, and which it was not desirable to proclaim.

Mr. Percy C. Edgar proposed "The Ladies," for whom Mr. C. J. G. Bunker, who described himself as a strong-

MR. C. J. G. BUNKER.
"I am a strong-minded lady."

minded lady, replied. He thanked the Association for assisting them to obtain silks, satins, bonnets, and an occasional P.A.T.A. dinner. "The President and Officers" were proposed by Mr. S. N. Pickard, of Bradford. Mr. Tebbutt, he said, would be not only an ornamental but a hard-working President. The Chairman, in reply, said people outside had no idea of the appalling amount of work involved in their Association, and he wondered how Mr. Glyn-Jones, assisted though he was by an able staff, got through it. Mr. Tebbutt described the birth of the Association, which he traced to a meeting of the wholesale trade in his office, at which Mr. Glyn-Jones explained his plans. The baby of that day had grown to a good-sized infant, but

MR. G. R. BARCLAY.
"Prescribing for the Exhibition."

he asked himself why the whole trade did not join them. They had no objection to take the profit provided.

"The Trade Press," proposed by Mr. Cooper, was acknowledged by the Editor of THE CHEMIST AND DRUGGIST; and "The Chemists' Exhibition," given by Mr. G. R. Barclay, was responded to by Mr. Heap, who expressed the regret of the manager, Mr. J. F. Cantwell, that he could not be present.

ALL nature wakes, spring flowers blow,
Thoughts all turn to Aphrodite,
And balmy south winds whisper low,
"Hydrarg. chloridum mite."

—*Southern Medical Record.*

Correspondence.

Notice to Correspondents. *In writin g letters for publication correspondents should adopt a concise, but not abbreviated, style. They are requested to write on one side of the paper only. Letters, with or without a nom-de-plume, must be authenticated by the name and address of the writer. Queries should be written on separate pieces of paper, and the regulations printed under the sections to which they apply should be strictly observed.*

The Homœopathic medicine Trade.

SIR,—I wish to draw attention to the unfair system of trading by Messrs. Watson & Wates. A member of the firm called upon me. I gave him an order for a case and a full supply of homœopathic medicines at 3*s*. per dozen. He called two or three times subsequently, and on one occasion I gave a repeat-order; but on being told by him that I could get supplied on the same terms by any patent-medicine house, I continued to send repeat-orders to the latter. I have since discovered that Messrs. Watson & Wates are charging one chemist 1*s*. 3*d*. per doz, and supplying another on the opposite side of the road at 2*s*. 6*d*. per doz, and another a little further on at 1*s*. per doz. The medicines are sold retail by some at 2½*d*. per bottle.

I have informed them I will never sell another bottle of their medicines. To those who do not care to adopt this course I would suggest to refuse to pay more than other chemists—namely, 1*s*. per dozen.

Let chemists be united, and support the first firm (only) who will protect the selling-price at face-value. Anything but face-value is a failure.

59 Camberwell New Road, S.E. BENNETT & Co.

SIR,—In justice to myself and my brethren in the drug-trade, I think it only right that the methods of certain homœopathic firms should be made known. A circular letter from Messrs. Ashton & Parsons has been handed to me by a friend, offering their medicines to those who patronise other firms at 1*s*. 3*d*. per doz., when they charge old customers 2*s*. and 2*s*. 6*d*. per doz, and in some cases more. Comment is unnecessary.

The circular in question I enclose for your inspection.

I remain, yours faithfully,

June 8. DISGUSTED. (32/35.)

[We have inquired into the facts brought forward in the above letters, and have seen representatives of the firms of Messrs. Watson & Wates and Messrs. Ashton & Parsons, who practically admit that the conditions described do actually prevail. We append also a letter received from Messrs. Ashton & Parsons on the subject.]

SIR,—Referring to our representative's call on Saturday last anent the various prices charged for homœopathic pilules and tinctures, we are, as you are no doubt aware, one of the oldest manufacturers of homœopathic medicines, and until the advent of a new house we, with the other makers, worked in friendly harmony and charged one fixed wholesale price for the goods. This new house, however, appears to have had no fixed wholesale price, asking and getting practically what it could.. This was, of course, very damaging to our business, but, nevertheless, we heroically kept to our fixed price for some years, with considerable loss to ourselves in our endeavours to keep the price at a fair remunerative rate.

The time came, however, when we considered it absolutely necessary to protect ourselves. We, therefore, when our customers had been taken from us by lower prices, agreed to supply our goods at the same rate. This, however, was not effectual, as we were again undercut. This went on until we determined, rather than lose our clients, to supply actually at a loss, as we are now doing in several instances.

We understand you are intending to publish in your journal the fact of the different prices being charged. We must point out that as soon as this becomes public property we shall be compelled, much against our wish, to meet the matter by charging a universal fixed under-cost wholesale price to all buyers.

We should, however, very much regret to do this, on account of other makers, who have like ourselves endeavoured to trade uniformly, and keep the price at a fair rate. This will, unfortunately, affect them, and the trade in homœopathic pilules and tinctures as a source of profit to the manufacturer will be practically *non est*.

We may mention that the retailer, and not the public, has in all instances been the party benefited by the low prices, as we refuse to supply any house that undercuts the retail price. We are, dear Sir, yours faithfully,

ASHTON & PARSONS (LIMITED),
Herbert Parsons, Managing Director.

17 Farringdon Road, E.C., June 12.

What Do We Want?

SIR,—In continuing the discussion of the company-pharmacy question let us look at the proposals of the Lord Chancellor which have been incorporated in the Companies Acts Amendment Bill. In the proposal relating to chemists our titles are to be handed over to unqualified companies. This method of treating an educated body of men is quite unwarranted, and it will no doubt meet with effective opposition. After killing the Lord Chancellor's proposal the question still faces us, "What do we want?" How are we to deal with the company question? The doctors and dentists, and even midwives, are to be guarded and protected; but what about chemists? Some of our brethren think they have found the key to the situation. They say we ought to have the same protection as doctors, and if we were included with them in the Companies Bill company pharmacy would cease. Yes; but is it likely that this will happen? Had there been no companies to deal with our case would have been different. Protection for medical men would be chiefly prospective, whereas any really useful legislation for chemists must be retrospective. We have a history to contend against. Besides, medical men have ways and means of keeping their fold intact; chemists have not, or, if they have, they have not hitherto exercised that power. Our opposition to unqualified companies savours of trade-unionism, and we can never hope to enlist the enthusiasm of the public in a demand for their suppression. The public has no grievance against them.

Evidently they are breaking the law in so far as "persons" should not do what "a person" is prohibited from doing. But these companies have satisfied the highest Court in the land that they are fulfilling the spirit of the law when they employ registered chemists and thus provide for the safety of the public. Is it likely, then, that Parliament will heed any demand we may make for their extinction?

I am, &c.

193 Morningside Road, Edinburgh, W. S. GLASS.
June 20.

Information Wanted.

The Editor will be obliged for replies to the following from any who can furnish the information.

182/9. Mazell's antipilliculaire: where obtainable?

41/46. Who makes "Urasol," or where can it be obtained?

34/45 Agent or importer of Michelsen's bay rhum (bay-leaf trade-mark).

Pressure on our space this week has compelled us to hold over Dispensing Notes and Miscellaneous Inquiries.

College Items.

ON June 17 the students of the Glasgow and West of Scotland School of Pharmacy, with their Principal (Mr. Barrie), visited Dixon's Ironworks—"Dixon's Blazes"—where the various stages in the manufacture of iron were explained by one of the chemical staff. The students retained specimens of the different varieties of ore used—Scottish, English, and Spanish—many of them bearing names not to be found in any text-book.

The students of the Manchester College of Pharmacy had an excursion to Buxton and Millers' Dale on June 17, walking through Ashwood Dale, Lover's Leap, and by the banks of the Wye. The flora of the district was examined, and a few rare specimens were collected. After tea at Millers' Dale the party drove back to Buxton.

Westminster Wisdom.

CARBOLIC ACID.

In the House of Commons on Tuesday Sir John Leng (Dundee) had on the paper notice of the following questions which he proposed to put to the Home Secretary:—

Whether his attention has been called to the large number of painful deaths by poisoning from carbolic acid?

Whether he is aware that Coroners have repeatedly urged that carbolic acid should only be sold as a scheduled poison, and that the Pharmaceutical Society has, in accordance with section 2 of the Pharmacy Act of 1868, applied to the Privy Council to add it to the list of poisons controlled by that Act, but without effect?

Whether, in Ireland, carbolic acid has been scheduled as a poison, and can only be sold by qualified persons, and if he can explain why the Privy Council has refused to schedule carbolic acid?

And, whether it is proposed to deal with the subject in any other way?

The question was deferred until Friday (June 23).

THE END OF THE SESSION IN VIEW.

Mr. Balfour's statement in the House of Commons on Monday last as to the course of public business will be comforting to the Pharmaceutical Society. It is now fairly certain that the Companies Bill will not reach the House of Commons this year, or, at all events, there is no probability of the Government attempting to pass it. Mr. Balfour himself did not even mention the Companies Bill among those which he evidently thought of pressing through Parliament this Session. Mr. MacNeill reminded him of it, and improved the occasion by expressing the hope that "the reason for the delay in pressing it forward was not that the House was honeycombed and moth-eaten with company-promoters." Mr. Balfour replied that the Bill referred to was at present in the House of Lords, the business of which House they were not discussing. The Council of the Pharmaceutical Society may therefore reckon on a respite of at least another six months before they need formulate, or, indeed, discover, their policy in regard to companies. Mr. Balfour mentioned the Sale of Food and Drugs Bill as one which he had some hope of passing. Reminded by Mr. Reckitt of the promise of the Under-Secretary for the Home Department that the Government would introduce a new Petroleum Bill, and that on that promise they had procured the rejection of his own Bill, Mr. Balfour professed ignorance of the promise. If it was meant to introduce the Bill in the course of the present Session that promise would, of course, be carried out, but he could not undertake to find reasonable time for its discussion. In this matter the Government, though they can probably take refuge in a verbal quibble, have undoubtedly broken faith.

Personalities.

MR. HARLAND has been re-elected analyst to the Greenwich District Board of Works.

MR. S. J. COLEY, chemist and druggist, has been elected a member of Stroud School Board.

MR. PERCY BEAN, analytical chemist, Blackburn, has been engaged as consulting chemist to the cotton-manufacturers of North-East Lancashire.

MR. ERNEST W. JONES, who for some years has been assistant manager, under Mr. J. B Donaldson, of the pharmaceutical department of Messrs. Armour's London branch, is joining Messrs. Typke & King's staff.

MR. W. FRASER SMITH, a partner in the firm of Messrs W. E. Smith & Co., chemists, Madras, sailed from Bombay on June 3, by the P. and O. ss. *Arabia*. Communications may be addressed to him c/o Messrs. John Murdoch & Co., 52 Leadenhall Street, E.C.

MR. F. H. GLEW, chemist and radiographer, 156 Clapham Road, S.W., sends us a copy of a very fine radiograph he has taken of the broken leg of "Holocauste." It shows the nature of the fracture distinctly. Mr. Glew informs us that the Prince of Wales and the Duke of Saxe-Coburg and Gotha have accepted copies of the radiograph.

MR. SIDNEY H. VAUGHAN, the President of the Pharmaceutical Society of Queensland, is now, with Mrs. Vaughan, visiting this country. Letters for him may be addressed to this office. Mr. Vaughan, who has been in Queensland for about twenty-two years, will make a long stay in England with occasional visits to the Continent. He speaks very confidently of the present and future prosperity of the colony.

AN advertising agency sends us the following paragraph, requesting the favour of its insertion: "We hear it is rumoured in the trade that one of London's most eminent and successful chemists is interesting himself in the future policy of Magor (Limited), of Birmingham. Whether this is the forerunner of further developments, we cannot, at present, say." The advertising agency is unable to tell us who "London's most eminent and successful chemist" may be, and we shall watch with interest for the future announcement which may reveal him.

Marriages.

KIRKPATRICK—MACDONALD.—At Edinburgh, on June 14, by the Rev. Professor Gloag, D.D., Arthur Chichester Kirkpatrick, chemist, Edinburgh, to Margaret, only daughter of Mr. D. Macdonald, Edinburgh.

LAKE—WHITE.—On June 14, at St. Peter's Parish Church, Bournemouth, John William, eldest son of Mr. J. Hinton Lake, pharmaceutical chemist, Exeter, to Annie, daughter of Henry White, Sunnylands, Bournemouth.

ROSIE—WHITE.—At Penicuik Parish Church, on June 13 by the Rev. R. Thomson, George Rosie, chemist, to Mary, second daughter of the late Mr. James White.

ROSS—ALDER.—At the Cathedral Newcastle-on-Tyne, on June 19, by the Rev. O. C. Carr, assisted by the Rev. H. H. Buff, John George Ross, Gateshead, to Laura Stamp, daughter of Councillor Thomas Stamp Alder, chemist and druggist, Newcastle-on-Tyne.

SHINN—STEPHENS.—At New Milford, last week, Mr. W H. Shinn, Barry Docks, to Emily Maude, eldest daughter of Mr. G. E. Stephens, chemist, New Milford.

Deaths.

BUTLER.—At Bristol, on June 18, Mr. Samuel Butler, chemist and druggist. Aged 90. The late Mr. Butler was for many years in business as a chemist in Old Market Street, Bristol, but retired almost twenty years ago. He was a very well-known man in the town, having taken a strong personal interest in the work of the late Mr. George Müller, founder of the Ashley Down Orphanages. From the inception of that institution, sixty years ago, until his death, Mr. Butler was associated with the movement, devoting much of his time and money to the work. Originally a member of the Society of Friends, Mr. Butler subsequently joined Mr. Müller's church, in which for nearly fifty years he held the office of deacon.

HARVIE.—On June 17, at Helensburgh, Mr. George Harvie, chemist and druggist. Aged 62.

HOLMES.—On June 17, at East Ham, Mr. Alfred John Holmes, chemist and druggist. Deceased gentleman, who had carried on a very successful business in the town, died suddenly from heart-failure.

KILLOH.—On June 16, at Barra Castle, Oldmeldrum, Aberdeenshire, Mr. Alexander Killoh, chemist and druggist. Aged 29.

LIDWELL.—On June 8, at Hastings, Mr. Joshua Edward Lidwell, pharmaceutical chemist, of Vauxhall Bridge Road S.W. Aged 75.

Royal Society's Soiree.

THE second of the series of receptions held by the Royal Society took place on June 21 at Burlington House. It was a ladies' *soirée*, and the hall and staircases received unusual floral adornments in honour of the occasion. The guests were received by Lord and Lady Kelvin, and included the Earl of Rosse, Lord and Lady Rayleigh, Sir John Lubbock, Sir J. Burdon-Sanderson, Sir F. Bramwell, Sir W. Roberts-Austen, Sir F. Abel, Sir James Crichton-Browne, Sir W. MacCormac, Sir W. Crookes, Sir G. Stokes, Sir W. Broadbent, Sir R. Thorne, Dr. Ludwig Mond, Dr. Dallinger, Captain Abney, Mr. Christie, and Dr. Lauder Brunton. The exhibits were to a great extent the same as those shown at the May *soirée*, and already described in the *C. & D.*

Mr. Mackenzie Davidson was showing an apparatus for enabling Röntgen-ray shadows upon a fluorescent screen to be seen stereoscopically. The apparatus consists of a rapidly-rotating disc with two apertures, which alternately close and open the sight-holes opposite each of the observer's eyes. Two excentrics on the spindle which rotates with the disc work two mercury interruptors, so that the anode of each of the two *x*-ray tubes used is in front of each sight-hole, there being a coil for each tube. The shadow cast of an object on the fluorescent screen by one of the tubes is only seen by one eye, and the shadow cast by the other tube is only visible to the other eye. When these succeed each other faster than ten times a second the impressions on the eyes become continuous, and the shadow appears in stereoscopic relief. Mr. Mackenzie Davidson has hopes of making the apparatus less bulky and more portable. The advantage to a surgeon of such an appliance is incalculable.

Mr. J. W. Swan was showing experiments illustrating the heating-effects of his modified Wehnelt-Caldwell interruptor. This interruptor consists of two lead electrodes in dilute sulphuric acid separated by a diaphragm of porcelain pierced with small holes of equal size. When the electrodes are put in series with the primary of an induction-coil without the usual mechanical break and condenser, very rapid and regular interruption of the current take place, resulting in powerful streaming discharges of great heating effects.

Mrs. Ayrton was lucidly explaining the cause of the hissing of the electric arc by the aid of experiments. On gradually increasing the current through an arc maintained between carbon at a fixed distance apart a point is reached when the arc hisses, its appearance changes, and the electric pressure falls about 10 volts. The experiments demonstrated that this happens when the crater is too large to occupy the end only of the positive carbon, and therefore extends up its side. The crater being no longer protected by carbon-vapour from coming into direct contact with the air, burns, instead of volatilising, and it is this burning which causes the hissing. That this was so was proved by excluding air from the arc when the current could be increased without producing hissing, and by blowing air or oxygen down a tubed positive carbon, when hissing takes place even with quite a small current.

Mr. Shenstone and Mr. Evans were making rock-crystal tubes. These are used instead of glass in experiments with fluorine gas. The process is a tedious one. The crystal is first broken up into small pieces and heated in a platinum crucible, and then particle by particle are joined together after being made plastic by holding in an oxy-hydrogen flame. The rods thus produced are tied round a platinum rod by means of platinum wire and laboriously fused together, the rod being withdrawn at a suitable stage and the ends closed by fusing.

Mr. J. E. Petavel was exhibiting the molten platinum standard of light. The apparatus is the result of a research extending over three years, which took place in the Davy-Faraday Laboratory with platinum lent by Johnson & Matthey. The use of platinum at its point of solidification as a standard of light was proposed by Violle in 1881, and adopted as a unit by the International Congress in Paris in 1884. Dr. Allan Macfadyen had an exhibit of cultures and microscopical specimens of pathogenic bacteria. Among the other exhibitors was Professor J. Norman Collie, with his Canadian Rockies photographs; Mr. W. R. Pidgeon, with a new influence-machine; and Mr. A. A. Campbell Swinton, showing experiments with electrolytic contact-breakers.

A Hospital Jubilee.

THE London Homœopathic Hospital has this year completed its fiftieth year, and with the object of raising funds to clear the hospital of debt held a dinner at the Hotel Cecil on June 21. The rise of the institution is very interesting. It appears that in 1827 Dr. F. F. Quin was the only champion of homœopathy in England, he having been instructed by Hahnemann himself. He soon gathered round him a band of adherents, which led to the formation in 1844 of the British Homœopathic Society of medical men holding recognised degrees or diplomas. This Society formulated a scheme for the establishment of a hospital, but made little progress with it until Mr. M. Simpson, an enthusiastic supporter of the new doctrine, formed a lay association, called the British Homœopathic Association, to assist the Society. This Association, of which the Duke of Beaufort was President and the Marquis of Anglesey Vice-President, was the means of calling a public meeting in 1849, at which the London Homœopathic Hospital was founded. A house, with the Duchess of Cambridge as patron, was taken in Golden Square, and opened for patients on Hahnemann's birthday (April 10), 1850. This house soon became too small for the requirements of the hospital, and in 1859 a move was made to Great Ormond Street, where 10,000*l.* was spent in the purchase and adaptation of three houses. The hospital was rebuilt and enlarged in 1895, and although generously supported the increased scope of the work has resulted in a debt of 10,000*l.*

Mr. J. P. Stilwell, Chairman of the Board of Management, presided at the dinner on Wednesday night. After the dinner, the toast of "The Queen" having been honoured, Mr. Stilwell proposed "The London Homœopathic Hospital—Its Founders and first Friends." He began by reading letters of regret from Earl Cawdor and Sir Henry Tyler for their absence through illness, and then passed in review the early workers and benefactors of the hospital. Drs. Quin, Hamilton, and Yeldham were mentioned, and the part the late Lord Ebury, who was Chairman and President, took in the House of Lords in opposing a clause in an Act for regulating the practice of medicine which would have made the practise of homœopathy impossible, commenced. Major W. Vaughan Morgan, another benefactor, was a subscriber from the date of removal to Great Ormond Street, and, the speaker said, did more for the consolidation, development, and financial progress of the hospital than any other supporter of that period. Major Vaughan Morgan joined the Board of Management in 1866, was Treasurer in 1875, and became Chairman in succession to Lord Ebury in 1888. Mention was made of the fact that Major Vaughan Morgan offered 1,000*l.* a year for five years to St. George's Hospital if they would give homœopathy a fair trial in their wards. Mr. Stilwell, in conclusion, said he would not be satisfied till they had a recognised school of medicine, affiliated with, perhaps, the University of London, at the hospital. (Cheers.)

Mr. Sydney Gedge, M.P., made a very happy speech in proposing "The Board of Management and the Medical Staff." He had recently inspected the hospital, and found it well ventilated and drained, and splendidly equipped with medical and surgical appliances. As he went through the wards he felt that the sting of sickness was taken away and suffering made less hard to bear. In speaking of the terror allopathic medicine was regarded with, he said even a brave man like Macbeth was so afraid of it that he said, "Throw physic to the dogs." (Laughter.) Well, he would not have said that if he had known of the homœopathic system of medicine, which is so pleasant that Mr. Gedge's friends are always taking out their little bottles and asking him to join them. (Laughter.)

Mr. Alan E. Chambre and Mr. Knox Shaw replied to the toast.

The Secretary announced before the close that 6,900*l.* had already been given towards the Jubilee Fund.

'Cello and violin solos and songs were given at intervals throughout the evening, the musical arrangements being by Mr. Raphael Roche.

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Trade Report.

The prices quoted below are the bottom prices obtained for bulk quantities by importers and manufacturers, who do not supply retailers. They are in many cases exclusive of various charges.

42 Cannon Street, London, E.C.: June 22

WERE it not for the cinchona and drug sales this week it would have been deadly dull. Two items still claim much attention—viz, citric acid and ipecacuanha. The latter has given a surprise, as to-day an unexpected arrival of 50 bales of Rio came to hand, and as there are 28 afloat and 22 in the warehouse the total is 100, of which, however, we understand that 30 are sold. For the moment the arrival has disturbed the market, but holders are firm. Cinchona holds its own, and quinine has been better this week. The following are the principal changes:—

Higher	Firmer	Lower	Easier
Acid, tartaric	Cream tartar	Buchu	Bals. copaiba
Aloes (Cape)	Cinchona	Cardamoms	Cloves
Benzoin (Pal.)	Epsom salts	Honey (Jam.)	Ergot
Birdlime (Jap.)	Menthol	Ipecacuanha	Feeding-cakes
Oil, Chaulmugra	Oil, peppermint	Pepper (black)	Wax (Jam.)
Opium (Pers.)	Senna	Pimento	
Quinine (2nd)	Tonka-beans		
Tin crystals			

The following are among the arrivals of drugs at English ports from June 16 to June 22 inclusive:—

Argol, 118; belladonna, 5; cardamoms, 4; cassia fistula, 3; castor-seed, 5,836; cinchona, 67; citric acid, 40; cloves, 77; cochineal, 16; cream of tartar, 90; essential oils, 34; ginger, 516; gum arabic, 162; gum kauri, 23; gum sandarac, 28; gum tragacanth, 78; honey (Jamaica), 378; insect-powder, 95; isinglass, 58; ipecacuanha, 50; lime-juice, 68; liquorice, 4,376; oil, castor, 190; oil, cod-liver, 8; oil, olive, 484; oil, orange, 9; opium, 15; orange-peel, 7; phenacetin, 4; pimento, 103; pistachios, 20; shellac, 625; squills, 6; tartaric acid, 126; wax (bees), 426.

Drawback in Medicinal Tinctures.

The export of medicinal tinctures, &c., under the drawback arrangements continues steadily to increase. For the quarter ended March 31 last duty on 23,074 gallons of proof spirit in these mixtures was refunded by the excise, an increase of 3,570 proof gallons over the corresponding quarter of last year. For the financial year ended March 31 drawback was allowed on 78,154 gallons of proof spirit, as against 67,519 gallons in the preceding year, and 56,999 gallons in the year ending on March 31, 1897, showing an average increase of more than 10,000 gallons annually. We understand that considerable progress is being made in tha compilation of the additional list of tinctures and medicinal preparations on which the loss allowances are to be made, and no doubt a further increase of the exports will be promoted of its issue.

The Ipecacuanha District.

We learn that there is considerable disturbance just now in the Matto Grosso State of Brazil. The native Indians have been massacring rubber-gatherers, and the Tapanumas tribe have killed the explorers Colonel Antonio Duarte and his brother-in-law, Baron Ferdinand Debrie and German Levandowski, while the Baicary tribe have exterminated the American expedition under Mr. Willamon. Advices dated May 30 state that the revolutionists under Senator Martinho are encamped under arms not far from Cuyaba, the centre of the ipecacuanha trade, where the drug is brought by the diggers. Happily, this is not the ipecacuanha-gathering season, but the condition of the country is such that should any stock be held in Cuyaba, it is, we should fancy, unlikely that it will be carried quickly to the coast.

Iodine in Japan.

Indignant at the strange mode of selling iodine-preparations adopted by the convention's agent, the Tokyo Druggists' Guild on May 3 decided to boycott the two native houses who are under control of the agent. A few Japanese papers are writing about the matter, but, judging from the present state of affairs, the trouble will, our Yokohama correspondent thinks, be settled by arbitration in the near future. The Japanese Government, it is said, is now investigating the subject; and, if it be necessary, the iodine-industry will come under Government protection. The chief reason advanced for protecting the industry by Government is that potassium chloride may be made as by-product in extracting iodine from seaweed, with the object of making saltpetre by reaction with Chilian nitre, as saltpetre is a contraband article and Chilian nitre is not. This industry is already established, and it is considered absolutely necessary to continue it, at any expense, against foreign competition. This applies equally to the iodine-industry itself, which, though small, has so far been able to resist all the attacks by the convention upon it.

Java Quinine.

Mr. C. W. van Heeckeren, director of the Bandoeng factory, has written a very long letter to a Java paper to protest against certain serious insinuations made in that journal, in which it was alleged that the Bandoeng works had carried on a private speculation in quinine made by them for Java planters. It was said that the factory had led the planters to believe that this quinine was held in stock for the planters' account, whereas in reality it had been privately sold by the factory. Prices subsequently rose, and when the planters gave orders for their quinine to be sold, it transpired that it had already been disposed of months ago, whereupon the planters decided to break off relations with the Bandoeng works, and to consign their barks to Amsterdam as before. The statement was made that the German quinine-makers, out of enmity to the Bandoeng works, had purposely engineered a rise in the market as soon as they got wind of the aforesaid speculation, so as to bring about a breach between the planters and the Bandoeng works. Mr. Van Heeckeren denies all these allegations. He says that the factory is debarred by its articles of association from trading in quinine, all that the works make being sold through Messrs. McNeill & Co., of Samarang. The accounts between the works and the planters are settled in March of each year, when Messrs. McNeill are in possession of the account sales for the whole of the preceding year. No one could have foreseen the sudden rise of quinine to 1s. 9½*d.* last March, and Messrs. McNeill before that rise had sold at from 12½*d.* to 14*d.* per oz. on delivery. On January 1 about 5,000 kilos. of quinine had been made by the factory, for which the owners had not yet received an account-sale. Of this only 120 kilos. were at the works, 1,000 kilos. were at Batavia, and 3,600 were on the way to various ports. During January and March about 3,200 kilos. made at Bandoeng were sold. Mr. Van Heeckeren complains that the Bandoeng factory is badly supported by the Java planters. Some of them habitually belittle it, and carp at its working. The total production of the Bandoeng factory between January 1 and March 13 was 320,000 oz., of which Messrs. McNeill had sold in the same time 253,580 oz., at an average equivalent of 7c. per unit gross. In commenting upon Mr. Van Heeckeren's letter the Java paper maintains its allegations, although it acknowledges that the speculation was not undertaken for motives of illegal personal gain, but was merely an ill-considered speculation in the interest of the planters, who, unfortunately, have turned out losers over the affair.

English Herb-crops.

IN reply to inquiries addressed to the principal herb-growers and distillers near London, we have received the subjoined reports regarding the present condition of the crops:—

Messrs. Stafford Allen & Sons (Limited), whose herb-farms are at Ampthill, write:—

ACONITE.—The demand for the English root has led to an

increased cultivation of this herb, and the plants look very promising.

BELLADONNA.—Although a good deal cut down by the late frosts, the plant has fairly recovered, and there will be a medium crop.

HENBANE.—The crop has been very short again this year, the plants having suffered from the dry spring and late frosts.

LAVENDER is looking exceedingly well, and promises a full bloom.

POPPIES are later than usual in their growth, and though looking well no forecast can be made as to size or yield at present.

RHUBARB promises well and looks healthy.

COLCHICUM, ELATERIUM, LACTUCA VIROSA, and other of our cultivations are fully an average crop, but roses show a very poor yield.

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Messrs. E. Bing & Son, of Canterbury, who grow henbane and belladonna, say the crop of the former is bad, and of the latter fair.

* * * *

In regard to the peppermint crop, Messrs. W. J. Bush & Co. (Limited), write that the weather in the Mitcham district, as throughout the country this year, has been very similar to that of the same period in last year—a mild winter with a short rainfall, then drought accompanied with spells of hot weather alternating with periods of cold trying winds. It is chiefly the absence of rain during April, May, and June that affects most the position at the present time. Consequently the crops are rather backward, and some of the farmers are behind in their weeding and hoeing operations. Here and there some of the old mint, especially over four years old, has failed, and the bare patches planted with marigolds, and a good deal of the young, planted out late, are not looking very happy. Mending and planting were retarded by backward growth and scarcity of shoots. On the whole, however, the position is not so bad as some assert. Many of the fields look splendid and full of promise. Besides, we must not judge of the ultimate crop by present conditions, because peppermint has wonderful powers of recovery, and given favourable circumstances it will pick up—the rains of the week were very welcome; but, whatever happens, the crop is not likely to be larger than the last, which turned out a comparatively short one.

With regard to lavender, Messrs. Bush have never seen it looking better. The plants are green, healthy, and thoroughly sound, showing remarkably for flower; the bloom-spikes are already 4 or 5 inches long. Very little of the old has failed, and none of the new. So far, it has been a favourable season for lavender. Distillation will probably commence rather earlier than for some years past.

Messrs. J. & G. Miller write from Mitcham especially in connection with the peppermint and similar crops, which, they say, do not look at all well. The herbs are also late this season, so it is too early to form an opinion of what they are likely to be at harvest-time. A larger acreage of peppermint has been planted out this spring than in recent years, but the results of the crop depend more on the older plantations than on the new, and there is plenty of time yet for these to improve should we get favourable weather during the next two months. June weather has been much too dry, not a drop of rain having fallen in the district between May 25 until June 18, when a light shower fell. A good soaking rain is wanted, followed by fine warm weather; then the crops would soon improve and promise a good harvest.

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Messrs. W. Ransom & Son, of Hitchin, state that the prolonged absence of rain has had a deleterious effect on some of the crops, and the prospects are not so good as they appeared a month ago.

BELLADONNA is later than usual, and will hardly be an average crop. The plants are short, and in dry situations have suffered much from the absence of rain.

HENBANE.—For the third year in succession the supply will be very short. Although in some situations it looks rather better than last year, in others it is an almost complete failure, and there can be no doubt that the total will be much below the average.

ACONITE.—The plant is shorter than usual, but as yet it cannot be determined how the roots may be affected.

LAVENDER.—Many of the older plants have died off before their time, but the young looks well, and if the weather is favourable there will probably be a fair crop.

PEPPERMINT looks very thin, and has suffered much from the dry weather. So far as can be seen at present the crop will be very short.

ELATERIUM.—The plants look healthy, and if the weather is not unfavourable should yield a fair crop of fruit.

Heavy Chemicals.

[*These prices are for market-centres other than London*]

A fairly good inquiry for most products prevails, and prices are steadily maintained. On the Clyde export-business is rather fuller. In the Tyne market little is doing, owing to the annual "Race-week" holidays.

ALKALI-PRODUCE. — Bleaching-powder continues in active demand. Caustic soda is a shade easier owing to stocks creeping up. Saltcake slightly easier. Chlorate of potash firmer, at 3½*d.* to 4*d.* Chlorate of soda unchanged, at 3¾*d.*

ZINC-SALTS maintain a firm tone. Chloride solution, 7*l.* 10*s.*, and crystal sulphate, 7*l.* 12*s.* 6*d.* to 7*l.* 15*s.* per ton.

MAGNESIUM-SALTS.—Sulphate is somewhat scarce and firmer, at 57*s.* 6*d.* to 62*s.* 6*d.* in bags on rails.

PHOSPHORUS.—Moving well. Amorphous, 2*s.* 8½*d.*; wedges, 2*s.*, and sticks, 2*s.* 1*d.* per lb.

LINSEED AND COTTONSEED CAKES.—Only limited business is passing just now, and prices are rather easier. Linseed-cakes, 95 per cent., pure, 6*l.* 17*s* 6*d.* to 7*l.*; oil-cakes, 5*l.* 17*s.* 6*l.* to 6*l.*; cotton, seconds, 4*l.* 15*s.* to 5*l.*, and best makes, 5*l.* to 5*l.* 2*s.* 6*l.*

GREEN COPPERAS is in heavier demand, at 42*s.* to 43*s.* f.o.b. Liverpool for best Lancashire. Welsh is quoted about 13*s.* on rails in bulk.

WHITE POWDERED ARSENIC.—In brisk request, at 19*l.* 5*s.* to 19*l.* 10*s.* per ton ex-ship Garston.

SULPHOCYANIDES have improved owing to better demand; potassium, 7*d.*; barium, 95 per cent., 4¼*d.*; and ammonium, 95 per cent., 6*d.*

German Market.

Hamburg, June 20.

Our drug-market is very quiet, and prices have changed little since last week, the quotations then given and not here repeated still standing.

ANISE-SEED (RUSSIAN) is quiet, at 31m. to 32m. per 100 kilos. Star is unchanged, at 187½m. per 100 kilos.

CITRIC ACID is tending firmer; to-day's quotations are 315m. to 320m. per 100 kilos.

CAMPHOR (REFINED) is quiet. Second-hand sells at 335m. per 100 kilos.; factories unchanged.

CUMINSEED (MALTA).—Dull, at 52½m. to 54m. per 100 kilos.

FENUGREEK is firmer; Mogador 13½m. to 14m. per 100 kilos.

KOLA-NUTS are quiet; natural nuts 25m. to 26m. per 100 kilos.

LYCOPODIUM is a little firmer, at 260m. per 100 kilos.

QUININE is dull and neglected; second-hand sells at 44m. to 45m. per kilo.

SPIRIT OF TURPENTINE.—Firm. American, spot, 63m. per 100 kilos.; French, 67m.

Up to June 21 the following druggists' merchandise had been imported here since our last letter:—Antimony (Japanese), 687; beeswax, 530; calumba-root, 4; insect-powder, 13; althæa root, 10; turmeric, 125; galangal, 134; star-anise, 50. No camphor was received by last week's China packet.

American Market.

New York, June 13.

The market has been dull during the past week, and little business of importance has transpired.

ARROWROOT.—New-crop Bermuda is coming in and is of excellent quality; $40 to $45 will buy. St. Vincent is nominal at $13 to $14, but is somewhat scarce.

JALAP is firmer, and holders have advanced quotations to $11 to $11½ for prime root.

IPECACUANHA (RIO) is stronger in sympathy with the London market, and values have taken a sharp advance. Several bales have been sold at $3.65 and holders now ask $3.75 to $3.90. The tendency is to still higher figures.

SNAKE-ROOT.—Texan root is more plentiful, and values have declined to $28 to $30.

SARSAPARILLA (MEXICAN) is in light supply, but small parcels can be bought at $10½ to $11.

OIL OF PEPPERMINT is unchanged. The usual reports are coming in to the effect that the Michigan crop has been damaged by storms. The crop this year will undoubtedly be short, but probably not sufficiently so as to materially affect the price.

Cablegrams.

BERGEN, June 22, 12 30 P.M.:—The position in the Finnmarken fishery remains unaltered, and operations will probably be finished for the season next week. The total catch amounts to 32,343,000 cod, against 37 232,000 last year. The yield of crude oil is 29,640 barrels, as against 22,319. The market continues easy at 53*s.* per barrel, f.o b.

HAMBURG, June 22, 11 21 A.M.:—Citric acid is firm at 325m. per 100 kilos. Refined camphor is steadier at 335m. per 100 kilos. in second hands, and Japan wax is firmer at 56m.

NEW YORK, June 22, 3.10 P.M.:—The market is quiet generally, but cinchonidia is going strong at 30*c.* per oz

Ipecacuanha is advancing, $4.25 being now the price. New podophyllum-root is easier at 3½c., and buchu is steady at 12c. per lb. New hydrastis-root is quoted at 58c. per lb. Mexican sarsaparilla is easier at 9½c., and new senega-root is also easier at 22c. per lb.

London Markets.

Acid, Citric.—The market has continued to harden since our last, and yesterday quotations up to 1*s.* 7*d.* per lb. were practically withdrawn, business having been done at 1*s.* 8*d.*, and over 21*l.* had been paid for juice. Foreign acid is 1*s.* 7*d.*, and there is second-hand stuff at that. Manufacturers of citrates and scale compounds have advanced their prices in sympathy with the citric-market.

Acid, Tartaric.—To-day foreign crystal is quoted 1*s.* to 1*s.* 0¼*d.*, and English 1*s.* 1*d.*

Alkanet.—There is no stock of Syrian in Trieste. There it is offered at 25*s.* to 30*s.* per cwt., c.i.f.

Arrowroot steady, but only a few lots sold at Wednesday's auctions at 4*d.* per lb. for common; 4½*d.* being refused for good.

Belladonna-root.—True root is reported short here, and from Trieste we learn that it is scarce there, but business had been transacted at the parity of 33*s.* per cwt., c. and f., New York.

Cinchona.—The auctions on Tuesday were not animated in the sense that the tea-sales next door were, for tea-buyers have a style of their own which is a hybrid between a bear-garden and the Chicago Wheat Exchange. The offerings at the cinchona-sales were limited to five catalogues, and much of the stuff had been seen before. It was also notable that the usual large buyers on this occasion stood down, not caring to go to the extreme rates which the ultimate purchasers paid. The quinine unit remained unaltered at 1⅝*d.* fully, and the cinchonidine unit was a fraction above 2*d.* The following are the quantities offered and sold:—

	Packages offered.			
Ceylon cinchona ...	244,	of which	164	were sold.
East Indian cinchona...	323	"	278	"
Java cinchona... ...	122	"	89	"
South American cinchona...	28	"	—	"
	717		531	

We give approximately the quantities purchased by the principal buyers:—

	Lbs.
American and Italian factories	60,291
Zimmer & Co.	21,506
Imperial Quinine Company	20,618
Druggists, &c.	4,200
Messrs. Howards & Sons	4,186
Brunswick factory	2,403
Total quantity sold	113,204
Bought in or withdrawn ...	36,254
Total quantity offered	149,458

The following were the prices paid for the bark which sold:—

Ceylon.—For fair succirubra chips 3⅜*d.* to 4*d.* per lb. was readily obtained, and 3½*d.* to 3¾*d.* per lb. for hybrid.

East Indian.—Officinalis chips sold at 2¼*d.* to 3½*d.* per lb. for old dark stem and branch chips. Some superior kinds fetched 4*d.* per lb. For succirubra the demand was exceedingly active, and high rates were obtained, most of the bark being purchased on American account at from 3⅞*d.* to 4½*d.*—the latter price being for bold chips. For hybrid of strong succirubra character 6¾*d.* per lb. was paid.

Java.—This bark was in limited supply, and was eagerly competed for at prices ranging from 4¼*d.* to 9⅝*d.* per lb. Most of the bark was crushed and powdery root and stem for manufacturing-purposes.

The cinchona-bark auctions to be held in Amsterdam on July 13 will consist of 5 611 packages of Ledger and hybrid, 577 cases and 677 bales of succirubra. The stock in first hands at Amsterdam consisted, on June 20, of 2 044 packages Government bark, and 8 259 packages private bark, including the quantity to be offered in the next auction.

Cocaine.—Firm, with no exceptional business, and sales by McLagan test at 11*s.* 3*d.* per oz., in 100-oz. tins.

Cocoa-butter.—At the Amsterdam auctions on July 4 50 tons of Van Houten's, 4 of "Hamer," 2 of "Helm," and 10 of Suchard's butter will be offered. In London on the same day 45 tons of Cadbury's make comes up for sale.

Cream of Tartar.—Ordinary crystal is 72*s.* per cwt., or 74*s.* powder; 98 per cent, in powder, is 79*s.*

Galls.—A quiet market. For Persian blues there is little demand, at 62*s.* to 65*s.* per cwt; greens are quoted 52*s.* 6*d.* to 57*s.* 6*d.* Smyrna blues are 52*s.* 6*d.* to 57*s.* 6*d.*; greens, 45*s.* to 50*s.*; and whites 45*s.* Chinese galls are 60*s.*

Henbane.—The German crop is showing well, and already a small parcel of fine biennial tops has been sold in London.

Insect flowers.—Closed are now worth 120*s.* per cwt., c.i.f., London.

Isinglass.—At the auctions on Tuesday 639 packages were offered, and less than half were disposed of at irregular prices, higher rates being paid in many cases. Half the quantity offered was from Bombay, but limits were rather high and only about one-third sold, Kurrachee leaf being 1*d.* per lb. dearer. Penang was easier, and Saigon was in good demand, 2*d.* to 3*d.* per lb. more being paid. China and Japan and Russian were in fair supply, and all bought in. Para lump was rather dearer, and Maranham and Brazil were firm.

Oil, Chaulmugra.—The price has now been advanced to 4*s.* 6*d.* per lb. in case lots. There remain only 12 cases in London, and no more is expected until the end of the autumn.

Oil, Lemon.—Dearer by 3*d.* to 6*d.* per lb., according to holders. Super is quoted 3*s.* spot, and extra-super 3*s.* 8*d.* f.o.b. Messina; these are the lowest prices in the classes mentioned.

Oil, Neroli.—New crop is quoted 6*s* per oz., c.i.f., and 6*s.* 6*d.* to 6*s.* 9*d.* spot, in large quantities. The crop has been good, and the oil is of fine quality.

Opium.—The market here is quiet and unchanged, the stiffness between buyers and sellers preventing more than limited transactions. To-day business has been done in Persian at 11*s.* 6*d.* to 12*s.* per lb, or 6*d.* more than last week. Nothing doing in Turkish.

The latest crop-report from Smyrna states that the yield of opium will certainly be above the average. Some authorities go so far as to predict an output of 10,000 baskets.

Quinine.—A better tone has prevailed in the speculative market this week, and the small and firm cinchona-sales helped to strengthen matters for sellers who have done business in approved German brands of sulphate for August at 1*s.* 4¾*d.* per oz. and refused 1*s.* 4⅞*d.* for October, 1*s.* 5*d.* being wanted. This shows an advance of about ½*d.* per oz. upon last Thursday's prices.

Seeds.—*Canary-seed* is steady, but business is slow. With more demand higher prices may be expected, as there is little doubt the crop both in Turkey and Morocco will be small, while in Spain there will be scarcely any. The value of Turkish and ordinary Barbary is 30*s.* per qr. The new crop of Morocco fenugreek is arriving, and is of excellent quality. There is very little business doing in other seeds.

Spermaceti.—There is no stock of refined in Liverpool. Semi-refined is to be had at 90*s.* per cwt.

Spices.—Black pepper is lower, especially for arrival, but other articles are without material change. On Wednesday Cochin *Ginger* sold at steady prices in public sale, fair washed rough at 23*s.* per cwt., and bold and medium native-cut at 41*s.* per cwt. Jamaica was in good supply, but the demand being slow only a small part was sold: common to ordinary, at 46*s.* to 56*s.* per cwt.; fair to good, 61*s.* 6*d.* to 70*s.* per cwt. There has been more demand privately for Japan, and sales have been made at 19*s.* 6*d.* per cwt. *Pimento* again lower: ordinary to fair partly sold at 3½*d.* to 3⅝*d.* per lb. Zanzibar *Cloves* have been neglected and the price is a shade easier, the quotation for delivery being 3 1/16*d.* per lb. for near, and 3 3/16*d.* for distant. Japan *Chillies* were bought in at 45*s.* per cwt. for

fine red. *Cinnamon* sold at $2\frac{3}{4}d.$ per lb. for bold hard chips, and at $2\frac{5}{8}d.$ for coarse bark. *Cassia lignea* of recent import was bought in at 43*s.* to 45*s* per cwt. Black *Pepper* is lower, being more freely offered for arrival; near at hand has sold at $5\frac{1}{8}d$ per lb, and distant at $5\frac{9}{16}d.$, with sales on the spot at $5\frac{1}{4}d.$ to $5\frac{5}{16}d$ per lb Fine bold Ceylon brought $5\frac{1}{2}d$ per lb., and smaller $5\frac{1}{4}d.$ Singapore white was bought in at $9\frac{1}{4}d.$ per lb. for good; the quotation for fair is $8\frac{1}{2}d.$ Penang is steady at 8*d.* per lb. on the spot, and at $8\frac{7}{16}d$ for distant shipment.

From Kingston (Jam.) we learn on May 20 that the crop of pimento is expected to be large, unless some unforeseen accident should happen. The ginger-crop is over, but country people are not eager sellers, owing to the low prices ruling here. There the price is 45*s.* to 50*s.* per cwt., according to quality.

STRYCHNINE.—Good business for export prevails, and agents find it rather difficult to get urgent orders filled as rapidly as they would like. There is no change in price.

SULPHUR.—Sublimed, in 2 cwt. bags, is quoted 110*s.* to 120*s.* per ton, c i f. London, according to quantity.

The exports of crude sulphur from Sicily during May amounted to 42,803 tons, making the total since July, 1898, 404,730 tons, and leaving the stock at 176,129 tons, or about 40,000 tons in excess of last year at June 1.

Drug-auctions in London.

To-day seventeen catalogues had to be gone through by buyers, the offerings being quite up to the average in interest. Senna was in small supply, and rhubarb, beeswax, honey, and tamarinds were abundant. The subjoined statement gives the numbers of original packages offered and sold publicly:—

	Offered	Sold
Aconite, Jap.	10	0
Albumen	20	0
Aloes, Cape	53	35
Curaçoa	311	288
Socotrine	56	0
Zanzibar	8	4
Ambergris	3	0
Aniseed	40	0
Star	11	0
Annatto-seed	112	18
Antimony	30	0
Areca nut	25	0
Argol	55	32
Balsam, Copaiba	33	3
Peru	6	0
Tolu	23	1
Bavachi	10	0
Benzoin, Siam	9	0
Palembang	87	24
Sumatra, &c.	221	8
Bird-lime, Japan	3	0
Buchu	43	6
Calumba	190	27
Camphor, refined	16	4
Canella alba	10	0
Cannabis indica	113	0
Cardamoms	390	190
Cascarilla	21	14
Chillies	20	0
China-root	3	0
Chiretta	12	0
Cinchona	54	0
Civet	8	0
Cubebs	80	40
Cumin-seed	28	12
Cuttlefish-bone	12	0
Dill-seed	82	0
Dragon's-blood	17	0
Ergot of rye	13	0
Gentian	41	0
Gum ammoniacum	35	0
arabic	39	0
asafetida	14	0
gamboge	47	0
myrrh	44	15
sandarac	12	0
thus	5	0
Honey, Canadian	5	0
Californian	189	0
Jamaica	210	195
rosemary	28	0
Honey—		
West Indian	17	14
Ipecacuanha (Bahia)	5	0
(E. I.)	2	2
(Rio)	5	0
Jalap	16	0
Kino	16	0
Kola-nuts	36	1
Lime-juice	5	0
Menthol	3	0
Musk	8	0
Nux vomica	107	0
Oil, anise, star	3	0
bergamot	5	0
castor (E. I.)	15	0
cinnamon	10	0
citronella	3	0
cod-liver	24	0
essential	4	0
eucalyptus	43	0
lemon	5	5
lemongrass	46	0
limes	1	0
peppermint (Jap.)	15	0
rose (Bombay)	7	0
rosemary	1	0
sandalwood	2	2
wood	42	0
ylang ylang	3	0
Orange-peel	37	2
Orris-root	21	6
Patchouli-leaf	1	1
Quillaia	22	0
Quince-seed	4	0
Quinine	6	0
Rhubarb	228	19
Saffron	25	0
Sandalwood	180	0
Sarsaparilla	66	32
Senna, Alexandrian	7	0
Tinnevelly	32	1
Soy, China	43	13
Squills	8	1
Tamarinds	636	111
Tonka-beans	7	0
Turmeric	103	0
Turtle-dried	4	0
Valerian-root	1	0
Vanilla	40	1
Wax (bees')	936	195

ACONITE.—A good parcel of Japanese mixed species was limited at 28*s.* per cwt.

ALOES.—A new arrival of *Cape* was offered, and partly sold at 23*s.* 6*d.* to 24*s.* per cwt. for good hard glassy, 21*s.* 6*d.* for overheated ditto, and 20*s.* to 21*s.* for softish stuff—all being decidedly better prices. New *Curaçao* also sold well, one catalogue's lot of 280 being entirely cleared at 24*s.* per cwt. for good brown livery, 18*s.* for dark ditto, and 16*s.* to 18*s.* for capey and lower grades. One lot of fine livery from another catalogue sold at 31*s.* Gourds were not wanted. New *Zanzibar* in skins sold at 50*s.* for fair hard, part brown. Socotrines were not in request.

ANNATTO-SEEDS.—Business was done in ordinary vermilion colour at 1*d.* to $1\frac{1}{2}d.$ per lb. The Jamaica crop has been over for some time, and the demand there is poor.

ARGOL.—Cape sold well, 45*s.* to 46*s.* being obtained for good firsts, and 34*s.* to 37*s.* for claret-coloured seconds.

ASAFETIDA.—To-morrow (Friday) 440 cases of this drug will be offered at the Commercial Sale-rooms at 2 P M, but not without reserve. It is largely of inferior quality, and ranges from that up to asafetida worth about 65*s* per cwt. There was no bid in auction to-day, although the broker was willing to take 67*s.* 6*d.* for pinky block.

BALSAM COPAIBA.—From Liverpool we hear that business in Maranham at the reduced rates has continued, cloudy selling at 1*s.* $4\frac{1}{2}d.$ and bright at 1*s.* $5\frac{1}{2}d.$ per lb. Stock there is now low. New Cartagena, part clear, part grey, sold here to day at 1*s* 3*d.* New Bahia was also offered, and 1*s.* 3*d.* bid and refused.

BALSAM PERU.—Privately 8*s.* 3*d.* per lb. is the price.

BALSAM TOLU.—Good hard sold at 1*s.* 4*d.* Softer sorts are easier, down to 1*s.* 1*d.* per lb.

BENZOIN.—Quiet, and slow of sale, especially Siam. There was rather lively competition for Palembang, and it sold at the extreme rates—55*s.* to 56*s.* per cwt. Sumatra sold fairly well, but at unchanged rates—viz, 10*l.* 10*s.* for finest seconds, 7*l.* 10*s.* to 8*l.* 10*s.* for fair ditto, and 6*l.* 10*s.* for brownish storax scented. A low lot, much false-packed, sold at 75*s.*

By the *Meissen* 27 piculs of Sumatra were shipped to Marseilles on May 9 124 piculs to London by the *Coromandel* on May 19, and 38 piculs by the *Adour* on May 20.

BIRD-LIME.—Japanese is scarce, and 1*s.* 6*d.* per lb. has been refused for genuine, 2*s.* being wanted.

BUCHU-LEAVES.—Cheaper for what sold, which was not much. Shut green leaves, rather stalky fetching 4*d.*, and dirty and dusty 2*d.* per lb.

CALUMBA-ROOT.—Only good sorts, native washed, but brown, sold at 14*s* per cwt. Fine yellow could be bought at 40*s.*

CAMPHOR.—The refined market is satisfactory from the sublimers' point of view, and the crude is quoted higher since our last, Chinese being 124*s.*, and Japanese 132*s.* 3*d.*, per cwt, in both cases c i f., but without business at these figures. Japanese refined (Fukai make), in 1 oz. tablets, sold at 1*s* 7*d.* per lb. German could be got at that too.

The latest mail news from Japan state that the Mitsui Bussan Kaisha firm in Formosa is expected to be the one chosen by the Government to exercise the monopoly in camphor. Dr. Taguchi, a prominent Japanese economist and member of the Diet who opposes the monopoly, condemns the measure as a mistake; and it is pointed out that the Chinese Government gave a guarantee to the foreign Powers that they would not again establish a monopoly. It is supposed that this is not binding upon Japan; but foreigners in Formosa, who have advanced money to the Chinese camphor-distillers, are not convinced that that is the case, and they are likely, through the usual diplomatic agencies, to raise the whole question of monopoly and camphor-taxation.

CANELLA-BARK.—Fair bark can be bought at 35*s.* per cwt.

CANNABIS INDICA.—Good green tops were limited at 4*d.* to $4\frac{1}{2}d.$, and dull at 3*d.* to $3\frac{1}{2}d.$ per lb. For siftings $2\frac{1}{2}d.$ would have been taken.

CARDAMOMS.—Lower, especially Mangalores, which are not so fine crop this year. Ceylon Malabars were in request; as for medium pale pods 2*s.* 1*d.* was wanted, and 1*s.* 10*d.* was all that was bid. Bold pale Mangalores sold at 3*s.* 1*d.* to 3*s* 2*d.*, and slightly brown ditto at 2*s.* 11*d.* The highest

qualities of Ceylon Mysores were eagerly competed for, the best going for 4*s*. per lb.—a firm rate. Other prices paid were: 3*s*. 8*d*. for bold pale round, somewhat light; 2*s*. 8*d*. to 3*s*. 4*d*. for medium ditto; 2*s*. 8*d*. for mixed sizes, pale; 1*s*. 9*d*. for small to medium round; 1*s*. 8*d*. to 2*s*. 3*d*. for pale medium longs; 2*s*. 3*d*. for brownish ditto; and 1*s*. 6*d*. for small. Splits sold at 1*s*. 5*d*. to 2*s*.; and seeds at 1*s*. 10*d*. to 2*s*. 4*d*.

Cascarilla-bark.—Fair quill sold at 50*s*. per cwt.

Chiretta.—The price is 3½*d*. per lb., but none sold.

Civet.—For good pasty 10*s*. per oz. is the price.

Cubebs.—This very sick article moved a little to-day, 40 bales of dusty and stemmy shrivelled berries selling at 10*s* 6*d*. per cwt. without reserve. The top price for good is 25*s*.

Cummin.—Good Mogadore sold cheaply at 20*s*. per cwt.

Cuttlefish-bone.—Fair small white was limited in auction at 4*d*., and bold bone with brown edges at 9*d*.

A Trieste correspondent writes as follows:—The fishing has now commenced, but it is still difficult to form an idea about the results. Prices last year gave the fishermen no satisfaction, and prevented them from spending much time at the fishing, with the result that we have run short of stock. It now appears that the fishermen have extravagant ideas of prices, and are encouraged therein by second-hand dealers, who do not hesitate to pay them almost anything they ask.

Dragon's blood.—For medium bright saucer 10*l*. 5*s*. was offered, but it was bought in at 12*l*. 10*s*. Bright lump, for which 8*l*. 10*s*. was bid, was taken in at 10*l*.

Ergot is easier. Good new Russian found no buyers at 1*s* 2*d*. per lb. Spanish, slightly wormy and part baked, was bought in at 1*s*. 6*d*., after 1*s*. had been tried without success.

Gum Arabic.—Good Aden sorts were limited at from 70*s*. to 80*s*. per cwt., while 6*l*. 10*s*. to 6*l*. 12*s*. 6*d*. were prices placed on Trieste grain.

Gum Myrrh.—Dark Bombay sorts sold at 40*s*.; siftings, 16*s*., and garblings 11*s*. per cwt. A fair amount of business has been done privately.

Honey.—Good Californian set white was limited at 33*s*. per cwt. Jamaica sold freely, pale clear "guaranteed pure" realising 26*s*. to 27*s*. per cwt.; good amber clear went at prices ranging from 19*s*. to 24*s*. For unworked West Indian 20*s*. to 21*s*. 6*d*., subject, was obtained; and 23 cases of an article described as "Rosemary Honey," set white, was bought in at 42*s*. 6*d*. It had no rosemary flavour, as far as we could note.

Ipecacuanha.—No Cartagena was offered to-day. Privately Rio has sold at 18*s*. per lb., in limited quantity, and Cartagena at 13*s*. Yesterday there was a rumour, which was denied in some quarters, that 75 bales of Rio, in addition to those mentioned last week, had arrived in London. All doubt on the subject was dissipated this morning when the Bill of Entry showed that 50 bales of ipecacuanha had come from Monte Video, and 23 bales are known to be on the water. Consequently there was no bidding in auction for 5 bales, buyers being frightened. Two bales of official root from Singapore were offered. They weighed together 96 lbs., and the analysis (not yet complete) showed 1·6 per cent. of alkaloid. For this root 15*s*. was refused on Wednesday, and now sold with brisk competition at 12*s*. 10*d*. Holders of Rio want 17*s*. 6*d*.

Ipecacuanha (Spurious).—A further lot of Bahia ipecacuanha came up for auction to-day, and a bid of 6*d*. was made for it, which was declined. This stuff is sold for the Continent, where it is broken up into bits and judiciously mixed with true ipecacuanha, then some of the mixture is sent here for sale.

Kino.—Dull of sale. Black Cochin grain is selling privately at 3*s* per lb. African and Bombay were unsaleable in auction, and holders are easier.

Kola-nuts.—Firmer, West Indian having sold at 2½*d*., and more was wanted for African.

Lime-juice.—Good West Indian could have been bought to-day at 1*s*. 4*d*. per gallon.

Menthol.—After doing business at 6*s*. 10½*d*. per lb. spot, some sellers to consumers closed at that, and now want 7*s*., the price from Japan being 7*s*. 3*d*., c.i.f., and in Hamburg the same.

Nux Vomica.—Neglected. Poor Cochin was bought in at 7*s*. 6*d*., and small to medium pale Madras at 9*s*. per cwt.

Oil, Anise (Star).—Firmer. Privately business has been done at 5*s*. 10*d* per lb., spot, and the same price is wanted for forward shipment, c.i.f. terms.

Oil, Cod-liver.—Quiet here, and unchanged. Considerable business is transpiring between Norway and Germany direct, it is said; but our Bergen correspondent, writing on June 17, does not confirm the statement. He reports a small business at 56*s*. per barrel, f.o.b. that port. The exports to June 16 amounted to 5,801 barrels, against 3,903 at the same time last year. These figures indicate a large business, but we understand that much oil has this year left Norway on consignment. In auction to-day some pale Norwegian 1899 medicinal oil was offered, and was bought in at 65*s*.

Oils, Essential.—The following are some of the buying-in prices mentioned to-day:—*Star-anise*, 6*s*. 2*d*. per lb.; *Bergamot* (mixed) 5*s*. per lb.; *Citronella*, 1*d*. per oz.; *Bombay rose*, 5*d*. per oz.; *Lemongrass*, 2⅞*d*. per oz.; peppermint (dementh.), 3*s*. 6*d*. per lb.; *Ylang-ylang*, 3*s*. 6*d*. per oz.

Oil, Peppermint.—Japanese dementholised has been in good inquiry consequent upon firm advices from the other side, and a fair volume of business has been done at 3*s*. 2*d*. per lb. c.i.f. The spot price here is 3*s*. 6*d*. Other kinds of peppermint oil have a firmer feeling.

Oil, Sandalwood.—A lot of brown oil, with the beautiful bloom which indicates petroleum and Rangoon oil, sold at 1*d*. per oz., the conscience of the buyer doubtless being soothed by the fact that the stuff was called "sandalwood oil," and came from Bombay.

Orange-peel.—Only one lot of fair Maltese strip sold at 5½*d*. per lb. There was some new Spanish strip, like Maltese, not seen here before, and rather pithy. It did not sell.

Orris-root.—Fair Mogadore was sold without reserve at 14*s*. per cwt.

Patchouli-leaves.—One parcel of stalky and dusty sold without reserve at 1*d*. per lb.

Quillaia-bark.—14*l*. per ton was offered and declined, for good bark 30*s*. more being wanted.

Quince seed, fresh from the Cape, was limited at 1*s*. 6*d*. per lb.

Quinine.—One case "B. & S." and one of "Brunswick" were offered at 1*s*. 4½*d*. per oz., but found no buyers; 4,000 oz. of "Pelletier" brand were limited at 1*s*. 3½*d*. per oz.

Rhubarb.—Privately business has been better this week, and continental inquiries are numerous, but there is no disposition to better prices. The sales were as usual farcical, neither brokers nor buyers being eager to do public business. Bold Canton round, fair fracture, sold at 11*d*. per lb., and medium ditto at 9¾*d*. For rough coat Shensi 1*s*. 1*d*. was bid and declined, 1*s*. 2*d*. being the price. Pickings were limited at 11*d*.

Saffron.—Spot supplies are scarce, and the best Valencia is held for 44*s*. per lb. spot and net. For dry seconds Valencia, 22*s*. per lb. was wanted in auction, and 35*s*. for fair seconds old crop. Owing to the condition of the Valencia market, the stuff cannot be replaced here at less than 45*s*. c.i.f.

Sarsaparilla.—Good fibrous Jamaica sold at 1*s*. 1*d*. to 1*s*. 6*d*. per lb., and some false Lima at 6*d*. to 6½*d*. per lb. Fair Honduras was bought in at 1*s*. 6*l*.; good Lima at 1*s*. 3*d*.; Guayaquil at 1*s*. 4*d*.; while some fair Lima was limited at 11*d*., 10½*d*. being offered and refused.

Senna.—There is no Tinnevelly coming forward. Dull of sale to-day, buyers refusing to rise to sellers' high expectations, and only one lot was cleared at 1¾*d*., this being poor dark small leaf.

Soy.—Japanese, in flagons, sold at 5*s*. per doz. flagons.

TAMARINDS were in large supply, and included some very good West Indian, bold pods of the new crop selling at 10*s.* 6*d.* per cwt., and very poor and small at 6*s.* 6*d.* Black East Indian were limited at 14*s.*, but a less ambitious seller took 7*s.* 6*d.* for a lot.

TONKA-BEANS.—The stock in Hamburg has accumulated to about 13,000 kilos., but Surinam-beans are lacking there. Medium-size frosted Angosturas were limited at 3*s.* to 3*s* 3*d.* to-day, and Parás might have been bid for if there had been samples.

VANILLA.—Tahitis were offered to-day, apparently as a matter of form, for only 1 tin sold, at 6*s.* 6*d.* per lb., 4-inch to 6 inch beans.

WAX (BEES').—Firm, but slow of sale, and Jamaica was easier. Pale and dark Australian sorts sold at 7*l.* 5*s.* to 7*l.* 7*s.* 6*d.*, and one small lot went down as low as 6*l.* 5*s.* Yellow Calcutta sold at 5*l.* 15*s.* per cwt, and bleached at 5*l.* 10*s* Jamaica sorts sold at 7*l.*, and good orange at 7*l.* 2*s.* 6*d.* to 7*l.* 5*s*, wormy Madagascar sold at 5*l.* 17*s.* 6*d*, and good sound orange at 6*l.* 7*s.* 6*d.* to 6*l.* 10*s.*; for Mozambique in fair pipe 6*l.* 7*s.* 6*d.* was paid. The only lot of Zanzibar sold publicly was unreserved, and fetched 5*l.* 15*s.* to 6*l.*

Marseilles Drug-market.

A Marseilles correspondent writing to us on June 16, states that the new crop of gentian was then coming to hand, and was quoted 13*s.* per cwt., or 1*s.* less on 5-ton lots, f.o.b. that port. White hellebore-root is scarce at 20*s.* 6*d.* per cwt, and the same remark applies to canary, coriander, caraway, and cumin seeds. The following are other Marseilles quotations, f.o.b.:—Liquorice-root (common), 8*s.* 6*d.* per cwt.; cuttings, 11*s.*; single lengths in bundles, 23*s.*; decorticated cut, 28*s.* Burdock-root, cut, 20*s.*; celery-seeds, 24*s.*; stavesacre-seeds, 20*s.*; juniper-berries, 7*s.*; aniseed, alicante, 27*s.*; Russian, 15*s.* 6*d.*; Turkish, 15*s.* New-crop thyme-herb is offered at 11*s.*; rosemary, at 7*s.* 6*d.*; and pale rose petals at 30*s.* Other herbs of the new crop will be available shortly.

A. J. White (Limited).

AT the Memorial Hall, Farringdon Road, on Thursday, a crowded meeting was held of the shareholders of A. J. White (Limited). Mr. Milton Bartholomew occupied the chair. A shareholder protested against Mr. Cooke not being in the chair as advertised. Mr. Bartholomew said he was unable to attend, and this was received with ironical laughter.

The report expressed the regret of the directors that the profits for the past year show such a definite decrease as compared with those for the year 1898. They recommended that after paying the dividend on the preference shares the balance of the net profits (5,353*l.* 6*s.* 2*d.*) should not be paid on the ordinary shares as further dividend, but be carried forward to the credit of the next account. A dividend of 5 per cent. had been already paid on the ordinary shares. The report also stated that the chairman of the board would make an important statement to the meeting.

After the notice convening the meeting had been read by the Secretary, Mr. Milton Bartholomew rose amid deafening applause. He said: It is a matter of great regret to me—and I am sure it will be to you—that my friend and your chairman, Alderman Alf. Cooke, is unable to be with us to-day, but Sir Wm. Broadbent's orders are imperative, and Mr. Cooke has been ordered away to a health-resort on the Continent for at least a month. Personally I should have preferred the meeting to be adjourned until Mr. Cooke was well enough to attend, but it so happens that there are some representatives of large shareholders in America who desired to be present at this annual meeting, and who are compelled to return to the States at the end of the present week. I the more regret the absence of the chairman as I have to lay before you important matters that could have been very much better dealt with by him than by myself. I must, however, ask your indulgence, while I do my best to make clear to you certain matters in relation to the company that we have decided to lay before the shareholders. We have, during the year under review, lost by death both our old chiefs, Mr. Andrew Judson White and Mr. Thos. Platt. In the places of these gentlemen we have elected Lieut.-Governor Timothy L. Woodruff, of New York State, who very ably represents the large holding of shares in America, and Mr. J. O. Nicholson, of Macclesfield, who succeeds Mr. Platt. These gentlemen have only recently been appointed, and are therefore not connected with the important communication that I have to make. There are a few details I would like to get out of the way before I refer to the examination of the balance-sheet. With a view to grappling with the intense competition amongst the retailers of our medicines, in consequence of their enormous sale, we have put on the road several special representatives to take orders and make general arrangements in their respective districts as to the prices at which our medicines shall be sold so that the vendors may be enabled to make a profit. This effort on our part has been attended with considerable success, and we hope before long to be able to make a universal arrangement whereby the general body of retailers will be able to sell our medicines at a profit, and have no further excuse for substituting poor and worthless decoctions when the public ask to be supplied with our goods. With regard to our advertising a committee of the directors has been formed, which meets weekly, and sometimes several times a week, and the best and most economical methods of advertising our goods continuously engage our attention. Our foreign branches are being thoroughly looked after, and all matters in connection with them are being constantly revised and renewed. During the year the Spanish branch at Barcelona has been closed. The branch has never paid, and on the outbreak of the Spanish-American war it was felt to be hopeless to continue it. The branch was, therefore, closed as soon as possible, and more profitable arrangements have been made to carry on the business there. We have received certain inquiries about the number of shares held by the directors, and, in reply, I have to say that the directors hold more shares to day than they did this time last year, leaving out of consideration the late Mr. White, whose executors have disposed of his holding.

May I now ask for your special attention while I endeavour to make clear to you what is a somewhat difficult and delicate position? You are aware that the late Mr. A. J. White was the man who made this business. It was his genius and energy that created it, combined with the marvellous curative powers of the medicine. For many years it was run as a private limited company with a small capital, the greater portion of the shares being held by Mr. White and his friends. Mr. White was, therefore, not only the creator of the business, but practically owned it. His word and instruction were law, and, indeed, when the business was paying large dividends, no one, even if he had the power, wished to interfere with its management. You will readily understand that under the above-named conditions the strict and exact forms of valuation of stocks and assets, which we now think necessary when the business is a large limited company with thousands of shareholders, were possibly not adhered to. When the directors of the present company were invited to come to the board they all felt that, while bringing to the company their general business experience, there should be no alteration or interference in the general management, which had been so successful in the past. This was therefore their general attitude, and until Mr. White's death the new company was in many respects allowed by the board to be conducted on the old lines. In the old company I believe it was the custom, as conditions varied, to vary the values of the stocks and assets; in some years they were written down unmercifully, and in others valued more generously; on the general average it was, I believe, no disadvantage, but probably the opposite. The circumstances have, however, changed, but it was not until this year's stocktaking, after Mr. White's death, that your directors discovered that last year not being so good as many previous years a more generous valuation was made of the stocks (which happened to be very large) than your present directors think right. (Cries of "Shame.") When the fact became known to us we at once decided to reduce the valuation to a point that was, in our opinion, absolutely safe, and this has been done. I wish to point out to you that I am not reflecting on Mr. White's methods. When a man practically owns a concern he can dictate its policy; and in point of fact the holding of the late Mr. White and his friends in the present company

was so large that, if he had wished, he was in a position to control this company as he did the old one. You can now perhaps, understand that, when the amount of the stock was presented to the board last year with the other figures of the balance-sheet by the managing-director, endorsed by Mr. White, we had no doubt as to its correctness. It is not the duty of directors to find out if the figures submitted to them are correct. Having made the discovery we have seized the earliest opportunity of taking the shareholders into our confidence, and to inform them that such steps have been taken that a thing of this sort can never happen again. This, however, you will say, cannot explain the entire difference in the figures in the balance-sheet. When the new company took over the business it made a good bargain in this respect—viz, all the costs and expenses of formation were paid by the old company, which, as you know, is not usual; and, in addition, we had the benefit of some 15,000*l.* worth of unexhausted advertising, for which no special consideration was given. We have not that advantage this year, and that, combined with the swelling of the stock-account last year—of which, of course, we have received the disadvantage this year—and the reducing of the figures of the stock-account that were first presented to us this year by over 10,000*l.*, makes more than the difference in the two balance-sheets. As a matter of fact, we have in round figures reduced expenses during the current year by 30,000*l.* You have a magnificent business, probably the finest in the world of its kind, and although the profits of the last two years have been less than the old company sometimes made there is no earthly reason why we should not do as well as or better than ever. It is sometimes said that this character of business is an unsafe one, not to be compared with those which rely for their support on the sale of provisions or clothing, or the other necessaries of life, but this, in our opinion, is a great mistake. Such businesses are not only subject to the ordinary variations caused by good or bad management, but they are subject to changes of fashion and prices, which we in a measure escape. Until the entire conditions of life are changed, and you have a humanity without ills or ailments, so long should this business flourish and prosper. There is no general medicine in the world to equal ours, and although some of our opponents have "stolen our thunder," they have done it with little advantage to themselves, although it may be that they have rendered our advertising less effective for a time. We are, however, producing fresh matter and finding new men, methods, and medicines; rigid economy is also being practised in every department of the business, and we are adapting our advertising to the changing times and conditions. We, therefore, look forward confidently to the future and to being able to present to you a better report next year.

The Chairman concluded by saying that he should ask their new director, Lieut.-Governor Woodruff, to address them, and also mentioned (what he had previously forgotten) that another director (Mr. Allen Stepgar, of New York) had been elected to the board, to the seat made vacant by the resignation of the managing director, Mr. H. K Packard.

Mr. Culshaw said the report practically amounted to a statement that the shareholders were asked to subscribe to the company on false representations. ("Hear, hear" and "Oh.") Why had Mr. Packard resigned? He had looked on that gentleman as the buttress of the company. Why was an interim dividend paid that was proved to have never been earned? Why had not Mr. Loder signed the report? On all sides the business was bad, and if the directors said they did not know it, what had they been doing, or what were they there for? There was 20,000*l.* decrease in the tangible assets of the company. The outstanding debts due to the company were 26,000*l.* in 1898, yet this year, on a largely decreased trade, they stood at 40,000*l* Last year there was 20 000*l.* in the bank, but that appeared to have gone to the moon. (Laughter.) The outstanding warrants were said to be 7,000*l.*, yet companies with over four times the capital stood only at 400*l.* (Shame) They were paying out 55 000*l.*, and only earned 48,000*l.* The auditor has not offered himself for re-election. Why?

Mr. Diamond asked that it should be definitely stated why Mr. Packard resigned. He further stated that a friend of his recently bought 5,000 shares, and then received a communication from one of the directors offering that gentleman's holding of about 110,000 shares. (Cries of "Name") Mr. Lymon Brown.

The Chairman: He is not here. (Laughter.)

Mr. Diamond: I wrote him that I should refer to the matter at the meeting.

Mr. Fawell: Nothing is written off for depreciation.

Mr. Charles Bird: So far as I can see there is a loss of 40,000*l.*

Mr. Culshaw: More than that.

Sir Edward Carbutt: It doesn't speak well for the directors that they should agree on the word of the Chairman to accept figures made by himself. (Hear, hear.)

Mr. Guest: Will the directors refund the money or is there any legal power by which we can force them to do so. (Laughter.) Oh, but I mean it. (Loud laughter.)

Mr. Cohen: Have the directors been selling shares since they knew the state of the company's position? When did Mr. Packard resign?

In replying, the Chairman said that, so far as he knew, none of the directors had sold or offered any shares, and some of them, like himself, had bought some. As regarded Mr. Brown's shares, that gentleman was ill. (Laughter) Lieut.-Governor Woodruff, however, would answer Mr. Diamond's question. The directors' holdings in 1893 stood at 210,186, and now at 255,870. (Cheers.) On June 8, on the directors first seeing the report, it was discovered by them that the system of overvaluing the stock had been adopted the previous year, the same as Mr. White had done for twenty years, and the directors had it altered. That was the cause of the trouble.

Mr. Cohen: Was that why Packard resigned?

The Chairman: Yes, it was. (Oh! oh!)

Mr. Cohen: When was that?

The Chairman: Within the last fortnight, and that was the first the directors knew of this over-valuing the stock.

Mr. Cohen: Then they ought to have known it or found it out the year before. (Hear, hear.)

The Chairman: As regards Mr. Packard, he being an old friend, he would rather not say anything.

A Voice: Oh, let us have business, not sentiment.

The Chairman: Well, I think he made a mistake.

A Voice: Of 40,000*l.*

There was a little more wrangling, and afterwards

Lieut.-Governor Woodruff, who was received with applause, said that Mr. Lymon Brown's offer to sell his shares was made before the directors knew anything was wrong, and at a time when he was very ill. Personally he approved of the English method of holding meetings to discuss any faults that the directors or others might have committed. He, Mr. Slepgar, and Mr. Brown owned between them over 200,000 shares, or a fifth of the total capital, and were willing to buy any. Mr. Brown's absence was not due to any attempt to evade the question, for he had only this week tried to buy largely. He was suffering from cancer in the face. None of the directors knew anything about the over-valuing of the stock, except the late Mr. White and Mr. Packard, and he (Lieut.-Governor Woodruff) told that gentleman that he would sever his connection with the company rather than agree to such a misrepresentation. He also said that he could not go back to America until the matter was settled, and Mr. Packard resigned. There would be no more of that business, he could assure them.

The Chairman then put the motion, which was seconded by Mr. Robinson, but Mr. Culshaw proposed the following amendment:—

That the accounts and balance-sheet be received but not adopted and that a committee of shareholders be appointed to look into the accounts and report.

and as a second amendment:—

That Messrs. Price, Waterhouse & Co. be appointed auditors, and thoroughly examine the accounts.

On a show of hands the Chairman declared the amendment defeated, and the motion, being put, was carried.

After a very stormy discussion, the auditors were re-elected, and the meeting closed with a vote of thanks to the Chairman.

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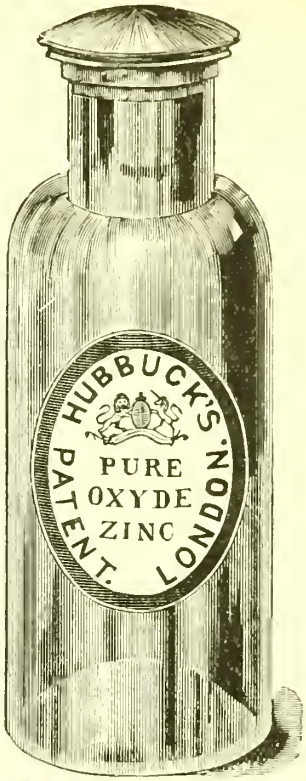

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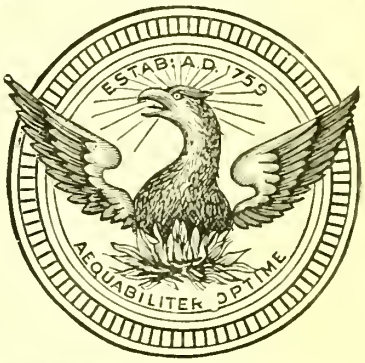

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(The signed copy has already appeared in the Supplement to this Journal.)

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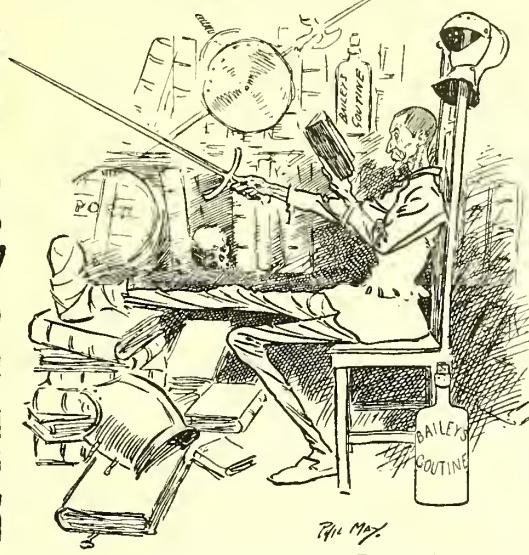

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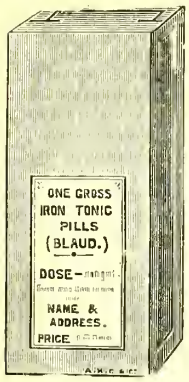

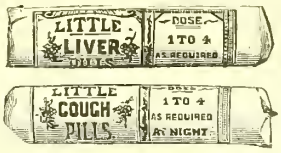

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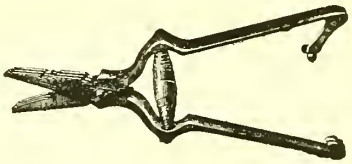

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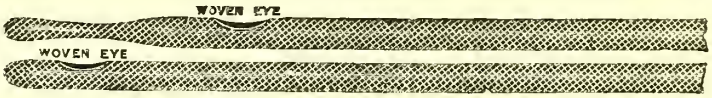

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V.B. QUALITY.

The superior quality of Newsome's Absorbent Surgeons' Lint is universally admitted. The V.B. quality is quite pure and of great superficial area and exquisite softness. The C., D., E., and F. qualities are equally pure and absorbent; E. is stronger in fabric.

NEWSOME'S BLEACHED ROLLED BANDAGES, 3 in., 2½ in., 2 in. Also SURGICAL ABSORBENT OPEN BANDAGES.

Specially Bleached and Grey Carded Cotton Wools, Absorbent & Bleached & Grey Waddings; also Sheet Waddings, Tow, &c.

THE TRADE SUPPLIED THROUGH THE LONDON AND PROVINCIAL WHOLESALE HOUSES, OR FROM

C. NEWSOME, MANUFACTURER, BEEHIVE MILLS, ANCOATS, **MANCHESTER.**

London Agents—B. PRATT & CO., 1 Wood Street, E.C. *Telegraphic Address*—"Newsome Ancoats Manchester."

CHEMICAL DISINFECTANT.

5, 10, *and* 15 % *CARBOLIC Antiseptic and Deodorising Powder. Bags and Casks free.*

AGENTS WANTED to supply Corporations and large users.

SOLUBLE

SANITARY FLUID

In Casks, and in 2, 1, and ½ gallon Tins.

CHESHIRE BIRD LIME

In 1d., 2d., 3d., and 6d. Tins. Also in 1, 2, 3, and 7 lb. Tins and Casks, for large consumers and the trade.

"LIMPET" LIQUID GLUE

In Bottles, 3d. and 6d.

"COAGULINE"

(TRADE MARK).

TRANSPARENT CEMENT for Broken Articles.

CUE CEMENT.

CUE-TIP FIXERS (*Brass or Wood*).

TIPS, WAFERS, CHALKS.

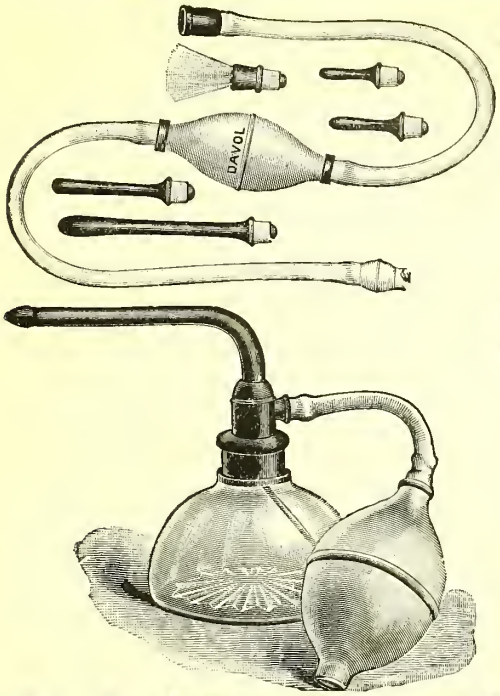
Sole Makers of

"THE SPIRAL FLY CATCHER."

May be had direct or from the Wholesale Houses.

Prices, Circulars with Name and Address, Specimens, Show Cards, Glass Tablets, &c., &c., on application.

KAY BROTHERS LIMITED, STOCKPORT



DAVOL'S HOUSEHOLD SYRINGES

Recommended by the Medical Fraternity.

Made of Pure Rubber with Hard Rubber Pipes. Are conceded to be the best, cleanest, and most perfect Syringes on the market, as they have no screw threads or washers to get out of order and thus become defective; nor any metal fittings to become corroded, and which are so dangerous in use.

The Valves are secured and cannot be lost, therefore ensuring efficiency at all times.

DAVOL'S MAGIC ATOMIZERS

CONTINUOUS SPRAY

For the Toilet; also for Throat and Nasal Applications, and employment in the Arts. **Made with Metal and Hard Rubber Tubes.** Are unequalled for Quality, Efficiency, and Durability, great care being taken in their manufacture to have a first-class instrument in every respect.

We Manufacture a Complete Line of ***Fountain and Bulb Syringes*** *in the various grades, and*

Fine Rubber Goods Generally

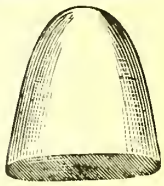
For the Druggists' and Surgical Trade.

DAVOL RUBBER CO.

PROVIDENCE, R.I., U.S.A.

WRITE FOR NEW ILLUSTRATED CATALOGUE.

RENDELL'S



"WIFE'S FRIEND" SOLUBLE QUININE PESSARIES.

THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in ***RED INK,*** are upon each box thus:—

Registered Trade Mark without which none are genuine. No. 182,688.

W. J. Rendell

Registered also in Australia, India, The Cape, The Argentine, Germany, &c.

IMPORTANT NOTICE AND CAUTION.

Several Injunctions in the High Court of Justice having already been obtained against "Infringers" (reports of which have appeared in "THE CHEMIST AND DRUGGIST," the most recent cases being March 19, 1898, and January 19, 1899), W. J. RENDELL'S SOLICITORS are instructed to take proceedings against all persons (Makers or Vendors) fraudulently using the name of "W. J. RENDELL," "RENDELL," or any colourable imitation thereof, in connection with Pessaries NOT manufactured by

W. J. RENDELL,

Inventor and Sole Maker of the "WIFE'S FRIEND" SOLUBLE PESSARY,

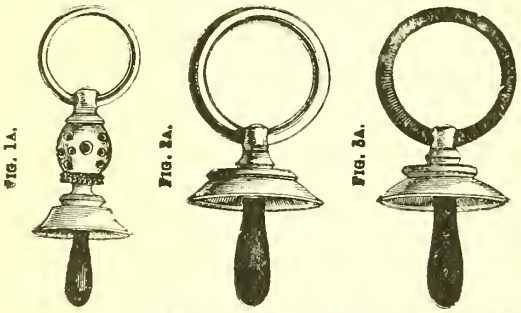
15 CHADWELL STREET, CLERKENWELL, LONDON, E.C.

NOTICE.—Our Reduced Prices for Soothers will be maintained.
Retail at 2*d.*, 3*d.* 4*d.*, 6*d.*, and 1*s.* each
Price Lists on application.

'THE LILY.'

LATEST IMPROVEMENTS.

Figs. 1A, 2A, and 3A, with Patent Unbreakable Ring and **CONCAVE SCREW SHIELDS,** TEAT and SHIELD SECURELY FIXED.

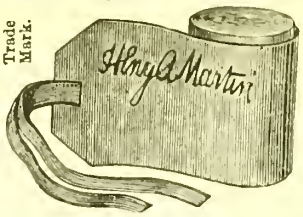


***Concave Shields,"** Invented and Registered by T. E. Marriott.*
Retail at 6d. & 1/- Other Patterns supplied as usual.

PATENTEES AND MANUFACTURERS—
E. MARRIOTT & CO.
HASTINGS, England.

DR. MARTIN'S PURE RUBBER BANDAGES.

For Varicose Veins, Ulcers, Eczema of the Leg, Swollen and Weak Joints.



CAUTION.—Please order *Genuine Martin's Bandages*, each being stamped with Dr. Martin's signature All others are *Spurious Imitations.*

Complete Price List Trade Discount, and Dr. Martin's Pamphlet post free.

PRICES.

No.		Feet	Inches	Each
3A.	Thin, for ankle, elbow, wrist, and forearm ..	6	2¼	3/6
3.	Thick " " " " ..	6	2¼	4/-
1B.	Thin, for leg below knee..	10½	3	5/6
1A.	Thick " "	10½	3	7/6
8.	Thin, for leg and knee	14	3	7/6
7.	Thick " "	14	3	9/6
9B.	Thin, for leg and thigh	21	3	10/6
9A.	Thick "	21	3	13/6

Sole Agents—**KROHNE & SESEMANN,** SURGICAL INSTRUMENT MAKERS, 8 DUKE STREET, MANCHESTER SQUARE, LONDON

WORKMEN'S HEALTH-PROTECTING AND SAFETY APPLIANCES (REGD.)

PREVENTING DISEASE & PROLONGING LIFE.

Respirator or Lung Preserver

To Protect the LUNGS and THROAT from Dust, Poisonous Gases, and other Impurities.

Adapted for use in White-lead Works, Paint and Colour Works, Chemical and Pulverising Works, Tobacco and Snuff Factories, Iron Works, Smelting and Refining Works, Paper Mills, &c., &c.
PRICE, carriage paid, 6/- each net.

Improved Safety Spectacles.

The most complete invention of its kind. Does not hinder the sight.
Price, per doz., carriage paid, from 24/- net. *Write for Prospectus.*

ZIMMER & CO.,
82 Mark Lane, London, E.C

REGISTERED TRADE MARK

VIMULE

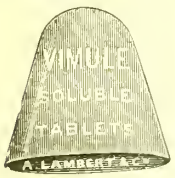
REGISTERED TRADE MARK

SOLUBLE TABLETS

PREVIOUSLY ADVERTISED AS

LAMBERT'S SOLUBLE QUININE TABLETS.

PERFECTLY PREPARED.



ABSOLUTELY RELIABLE.

SALE UPWARDS OF 8,000,000.

These Tablets are manufactured by us of the best materials procurable. We guarantee every one to be of accurate proportions, and can with confidence recommend them to the trade as one of the best ever introduced.

They are packed in specially neat metal boxes of 1 doz., and sealed with our Registered Label, without which they are not genuine.

Our method of packing particularly adapts them for exportation. Being practically air-tight they will keep in perfect condition for a long period, and liability to injury by variation of climate is reduced to a minimum

Advertised to retail at 2/- per box of 1 dozen. 5/- for three boxes. 9/6 for six boxes. 17/- for 12 boxes.

Trade Price.
12/6 net per dozen boxes of 1 dozen each.
Single boxes 1/3, including postage.
Orders of ½ doz. boxes and upwards sent post free.
Can be obtained through any wholesale house.

PERFECTLY PREPARED.

TRADE PRICES MODERATE.

SALE UPWARDS OF 8,000,000.

A. LAMBERT & CO., 16 DALSTON LANE, LONDON, N.E.

VINCENT WOOD

LAST YEAR exhibited this

SHOW CASE at the CHEMISTS' EXHIBITION,

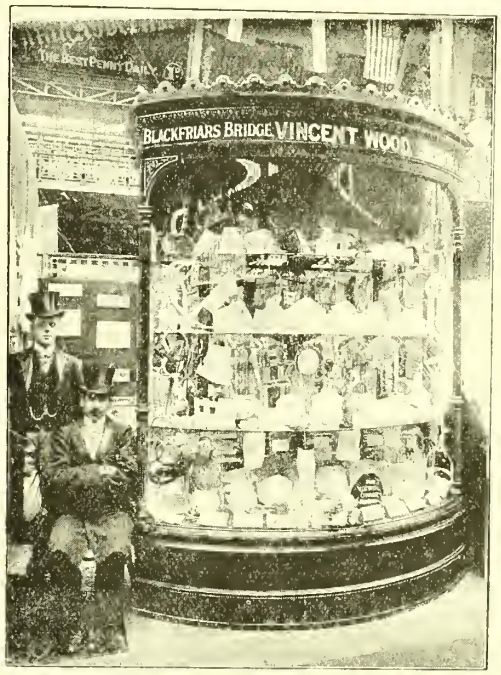
Send for PRICE LIST.

—:o:—

Special orders usually dispatched same day as orders received.

—:o:—

The Largest Maker in the Trade.



NEW LINES.

THE EUREKA "CELLULAR" SUSPENSORY BANDAGES.

—:o:—

LADIES' & GENTLEMEN'S BELTS, &c.

—:o:—

For Summer Wear. Washable & extremely Cool.

THIS YEAR he exhibited a more handsome Show Case in his own Show Room at Victoria House.

Customers found there a complete range of his New Samples, which are for the Trade only, and not for competitors to copy.

All Customers were welcomed during Exhibition week (and will be in the future), where they were shown samples of every kind, as well as goods in the actual process of manufacture. Every conceivable style of Trusses, Elastic Stockings, Belts, Obstetric Binders, Enemas, Elastic Webs, Roller Bandages, Sponge Bags, Sponge Wraps, Nursing Aprons, Bathing Caps, Corsets, Children's Ear Caps, Eye Shades, Suspensory Bandages, Chest Expanding Braces, on Cards, or each in Box, and Surgical Appliances generally, at Prices which cannot be beaten.

Customers assisted in every way to increase business for them by lending, Free of Charge, Handsome Show Cards, Self Measurement Forms; also Plaster Legs for exhibiting Surgical Elastic Hosiery, and Handsomely Draped Statuettes fitted with Chest-expanding Brace, Belt and Chest Protector. Electros for Price Lists, &c.

Victoria House, 4 Albion Place, Blackfriars Bridge, London, S.E.

Telephone No. Hop 542. [Estd. 1837.] Telegrams—"ACME LONDON"

STEAM MILLS & FACTORIES—NOTTINGHAM, LONDON, AND CARLTON.

ADVANCE IN MEDICAL GLASS

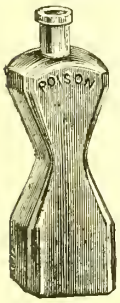
S. MAW, SON & THOMPSON beg to inform the Trade that, in consequence of the increased cost of production entailed by the great advances in the price of fuel and other raw materials, together with the very considerable restriction of the hours of labour by the Workmen's Trade Union, it has been found imperative to raise the prices of Medical Dispensing Bottles, &c., 10 per cent. from this date.

June 1, 1899.

NEW POISON REGULATIONS

STEPHENSON'S PATENT

POISON BOTTLE.



No. 6324.

PRICE LIST.	Plain.	Stoppered.
½-oz. deep Blue Glass ..	6/6	24/- per Gross.
1 " " " " ..	7/6	26/- "
1½ " " " " ..	8/6	28/6 "
2 " " " " ..	9/6	30/- "
3 " " " " ..	11/-	34/- "
4 " " " " ..	12/6	36/- "
6 " " " " .	15/	40/- "
8 " " " " ..	16/6	42/- "
10 " " " " ..	21/-	50/- "
12 " " " " ..	24/-	55/- "
16 " " " " ..	30/-	62/6 "
20 " " " " ..	34/-	69/- "
32 " " " " ..	50/-	75/- "
40 " " " " ..	60/-	88/- "

Samples on application to any of the Wholesale Drug or Druggists' Sundry Houses. See opinions of the Press, *Truth, Daily News, Pall Mall Gazette, &c.*

Special Labels for this Bottle may be obtained from Mr. SILVERLOCK, 92 BLACKFRIARS ROAD, LONDON, S.E.

Sole Manufacturers, **Hearns, Lim.,** Eclipse Glass Works, Lea Bridge, **London, N.E.**

Manufacturers of every description of Glass Bottles, plain or stoppered.

DISPENSING BOTTLES.

THE NORTH LONDON GLASS BOTTLE COMPANY

(I. ISAACS & CO., Proprietors)

Beg to inform the Trade that they have made a further reduction in the price of their Bottles, as follows:—

The NEW SHAPE FLAT BOTTLES, with rounded edges, plain or graduated—

3 & 4 oz. .. *7/6* per gross.	10 & 12 oz. .. *12/-* per gross.
6 ,, 8 ,, .. *8/6* ,,	16 ,, .. *16/-* ,,

WHITE MOULDED PHIALS, plain or graduated Teaspoons—

½ oz... .. *3/6* per gross.	1½ oz. .. .. *4/6* per gross.
1 ,, ... *3/9* ,,	2 ,, .. *5/-* ,,

PLEASE NOTE

Six gross and upwards, assorted or otherwise, are carriage paid to any address in England; smaller quantities not carriage paid.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 MIDLAND ROAD, ST. PANCRAS, LONDON.

Established 50 years. *Bankers—London and Westminster Bank.*

R. H. BARRETT'S PATENT CAPPED BOTTLE.

The only REALLY PERFECT Bottle for Vaseline, Boot Creams, Pomades, Dry Powders, &c.

PRICES:

TALL SERIES, fitted with STRONG METAL CAPS, CORK-LINED, in various Colours, very attractive in appearance:—

1-oz. 11/6; ½-oz. 12/-; 2-oz. 12/9; 3-oz. 15/9; 4-oz. 17/3 per gross, &c.

Special Prices on application for Quantities.

CHEMISTS' AND PERFUMERS' BOTTLES IN GREAT VARIETY, PLAIN OR STOPPERED.

R. H. BARRETT,

FLINT GLASS BOTTLE WORKS, THE OVAL, CAMBRIDGE HEATH, LONDON, E.

TELEGRAPHIC ADDRESS—"FOREFRONT LONDON."

FACTS SUPPORT OUR GUARANTEE!

SEABURY'S
Belladonna Plasters

Messrs. SEABURY & JOHNSON have for years maintained ·5 per cent. of Belladonna Alkaloids as the standard strength for their Belladonna Plasters, and for this reason no change has been called for in their formula, which has now been standardised by the British Pharmacopœia. Honest and standard goods *ONLY* have always been manufactured and supplied, hence protection and satisfaction has always been secured by Chemists stocking Seabury & Johnson's Belladonna Plasters. Independent analyses and published official reports support their statements, and, furthermore, prove that Seabury & Johnson's Plasters alone can be relied upon.

GOLD MEDAL AWARDED AT THE GRAHAMSTOWN EXHIBITION.

GUARANTEES UNSUPPORTED BY FACTS ARE MISLEADING.

Report of "THE LANCET." December 3rd, 1898.

"SEABURY & JOHNSON'S BELLADONNA PLASTERS are not only "satisfactory on account of the rubber basis, but—of more importance still— "are standardised in regard to the constituents of Belladonna, the yield of "alkaloids on analysis being just slightly over half per cent. in accordance "with Pharmaceutical requirements. These Plasters may therefore be relied "upon."

The Name of SEABURY & JOHNSON on any Plaster stands for a guarantee of full Pharmacopœial strength, and the highest standard of excellence of manufacture and uniformity.

A Written Guarantee is given to Purchasers of Seabury & Johnson's Plasters where requested.

SEABURY & JOHNSON,

SOLE DEPOT FOR GREAT BRITAIN AND COLONIES:

FASSETT & JOHNSON, 31 & 32 Snow Hill, LONDON, E.C.

"RED CROSS"
Lint.

Per lb....	... 1/9	For 56 lbs. ...	1/7
For 28 lbs ...	1/8	For 112 lbs.	1/6

"RED CROSS"
Cotton Wool.

In 1-lb. CARTONS.

Per lb. 1/2

"RED CROSS"
Gauze.

6 yard pieces, each in airtight package.

Alembroth, per doz. yards	...	1/10
Boracic ,,	...	1/10
Carbolised ,,	...	1/9
Eucalyptus ,,	...	2/6
Iodoform ,,	...	4/6
Salicylic ,,	...	2/6
Sublimate ,,	...	1/10
Sulphate of Zinc ,,	...	2/9
Thymol ,,	...	3/4
Zinc and Mercury Cyanide, per doz. yards	...	2/6

BURGOYNE,
BURBIDGES & CO.,
Sole Proprietors,
12 & 16 COLEMAN ST.,
LONDON.

"RED CROSS"
Antiseptic Lint.

Boracic 50 per cent., per lb.	..	1/6
Carbolised 6 per cent. ,,	..	2/-
Iodoform 4 per cent. ,,		6/3
Salicylic 10 per cent. ,,	..	2/-

"Red Cross" Antiseptic Wool.

Boracic 50 per cent., per lb.	..	1/3
Carbolised 6 per cent. ,,	..	1/6
Iodoform 10 per cent. ,,	..	5/6
Sal Alembroth ,,		1/9
Sublimate ¼ per cent. ,,	..	1/8
Salicylic 4 per cent. ,,		1/9
,, 10 per cent ,,	..	2/6

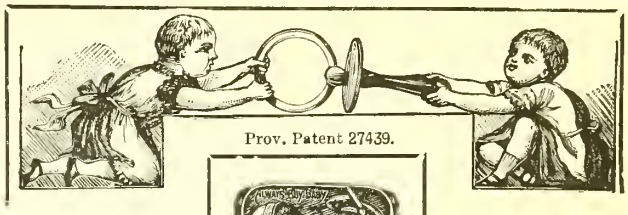
"RED CROSS"
Bandages.

6 yards long.

1 in. wide	...1/-	doz.	... 9/-	per gross.
2 ,,	...1/9	,,	...18/-	,,
2½ ,,	...2/3	,,	...24/-	,,
3 ,,	...2/9	,,	...30/-	,,
3½ ,,	..3/3	,,	..36/-	,,

"NURSE MARGERY"

SOOTHERS—Teatfast & Shieldfast.



Prov. Patent 27439.

Is applied to *ALL* patterns, not necessarily only Rings

See report, C. & D., February 4th, 1899.

All fitted with Cords.
No obstruction in the Teat.

No more children choked by Teat or Shield coming apart

L1	1d. Olive Wood, Pear-shape Gross. Polished Teat ..	7/6	
L1s	1d do do. Seamless Teat..	8/-	
		Doz.	
L2	2d Ring, Seamless Teat ..	1/2	
L27	2d. Flat Bone, Seamless Teat	1/3	
L39	2d. Long, with 2nd size ,	1/4	
L103	2d Long Fancy, 2nd size ,	1/4	
		Doz.	
L23	6d. Rubber Ring, Pad and Teat	3/6	
L3	3d. Solid Ring, Seamless "	1/10	
L17	3d. Rubber Ring " "	2/-	
L37	3d. Rubber Small " "	1/6	
L36	3d. Rubber Ring and Pad ..	2/-	
L4	4d. Solid Ring	2/8	
L38	4½d. or 6d. Large Rubber Ring	3/-	

HEALTH SALINE.
Lever Lids.
Empty .. 9/6 gross.
Filled .. 2/6 doz.
All above are

CITRATE of MAGNESIA.
Lever Lids.
Empty .. .. 12/- gross
Filled .. .. 3/3 doz.
in several colours making most attractive Window Shows.

INSECT POWDER.
Empty .. .. 6/- gross.
Filled .. .. 1/9 doz.

For FLY PAPERS
Apply to us before buying and save money.
Special designs for quantity.

Shirley Brothers, Whitecross Works, Rockingham St., S.E., London.

WHITE BEESWAX,

WARRANTED PURE. BLEACHED BY SUN.

REFINED YELLOW BEESWAX,

Recognised as the Standard in the United States.

Write for Sample and Quotation, naming quantity desired.

THEODOR LEONHARD, PATERSON, NEW JERSEY, U.S.A.

ESTABLISHED 1852. Cable Address—"LEONHARD PATERSON."

TO WHOLESALE & EXPORT CHEMISTS.

Price's Patent Candle Company Ltd.

BELMONT WORKS, BATTERSEA, LONDON, S.W.,

ARE PREPARED TO QUOTE FOR

OILS. Neatsfoot, Lard, Animal, Olive, Cooking, Castor, Cod, Sperm, Coconut, Palm, etc.
Water White Mineral Oil, free from Sulphur (Paraffinum Liquidum B.P.)

LARDS. Prepared, Benzoated, Indurated.

WAXES. Beeswax, White Wax, Ceresine, Paraffin Wax, Japan Wax, Spermaceti.

PETROLEUM JELLY "Ceratine" White or Yellow, Plain or Scented.

Samples and Price Lists on Application.

The Leaf Brand

Straw Hat Reviver

FOR RENOVATING OLD STRAW HATS.

Made in the following variety of Colours:—

Black, Deep Blue, Light Blue, Navy Blue, Dark Brown, Light Brown, Cardinal, Colourless, Coral, Bronze Green, Grass Green, Myrtle Green, Navy Green, Olive Green, Heliotrope, Lilac, Mauve, Pink, Poppy Red, Slate, Straw, Violet, Yellow.

3d., 6d., and 1s. bottles; 2s. and 3s. 6d. jars.

FROM ALL WHOLESALE DRUGGISTS' SUNDRYMEN, OR FROM LEAF BRAND DEPOTS:

20 St. Enoch Square, GLASGOW; and 102 Fenchurch Street, LONDON, E.C.

Spring Cleaning, 1899.

FURNITURE CREAM

PACKED WITH

YOUR OWN NAME.

JOHN PARKES & CO.

Makers for Fifty Years of the Celebrated

PARISIAN FURNITURE CREAM,

will send Carriage Paid to any part of England and Wales,

6 Doz. 6*d.* size (5 oz. Glass or Stone) **Bottles** for **£1 1s.**;

Or **12 Doz.** ditto, ditto, for **£1 19s.**

The finest selection in the trade of Labels, lithographed in colours, to choose from.

Hundreds of Chemists have availed themselves of this offer.

We guarantee the Furniture Cream to be made with the highest grade of materials, and it has always given greatest satisfaction to the retailer and his customers.

Send a Post Card for Sample, with Specimens of Labels, to

JOHN PARKES & CO., WARWICK.

CONCENTRATED SIZE,

IN

1-lb., ½-lb., and ¼-lb. Packets

AND

¼-cwt. CASES.

FINE PALE GLUES

AND

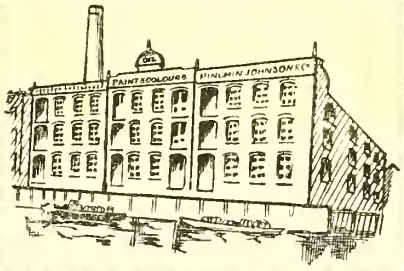
GELATINES

SAML. MEGGITT & SONS, LTD.

SUTTON-IN-ASHFIELD.

VARNISHES
OILS.
WHITE LEAD

PAINTS.



Works: Pinchin's Wharf, Broad Street,
RATCLIFF, E.

COLOURS.
ENAMELS.
WHITE ZINC.

For all Markets.

Telegrams: "PINCHIN LONDON." **PINCHIN, JOHNSON & CO., 23 Billiter St., LONDON.** Telephone: 2241 AVENUE.

J. & E. DALTON & CO. LTD.,
MANUFACTURERS OF
EMERY CLOTHS
AND EMERY PAPER,
Glass Cloth & Glass Papers,
THE DALTON CELEBRATED KNIFE POLISH,
Naxos Emery, Ground Glass, &c.

ALBION MILLS EMERY WORKS
New Mills, near STOCKPORT.
Agents for Scotland—**SHAND BROS., 6 DIXON ST., GLASGOW.**

PAROZONE BLEACH
REGISTERED.

Snow White Linen.

Retailed at 1d. per Measure.

Removes Tea & Fruit Stains.

Also in 6d. Bottles.

Full Particulars on application—
THE PAROZONE CO., LIM.
22 Chatham Place, Hackney, LONDON, N.E.

BEESWAX COMPANY, LTD.
THE NEW HALL, 41 OLD HALL STREET, LIVERPOOL.

BEESWAX, GUARANTEED PURE B.P.
YELLOW & WHITE, in Blocks, Cakes, Tablets, or any other form.

CARNAUBA WAX, BEST BLEACHED.

CERESINE WAX, ALL QUALITIES & SHADES

All Bleached and Refined at our own Works.

QUOTATIONS: Free to any place in the United Kingdom.
SAMPLES MATCHED.

CARDS.

FOR TERMS APPLY to the PUBLISHER.

FRED^K. FINK & CO.
10 & 11 MINCING LANE, LONDON, E.C.
SPECIALITIES: Glycerine — Gum Arabic — Gum Tragacanth—Pure Beeswax—Honey.

We guarantee our Pure Acid to be made directly and entirely from Phosphorus. Absolutely the best and purest on the market
ANSWERS ALL THE REQUIREMENTS OF THE NEW B.P.
Phosphoric Acid
SAMPLES ON APPLICATION
WALTER VOSS & CO.
Phosphoric Acid Manufacturers
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CACHETS "FINOT"
(White or Coloured),
WITH INSCRIPTIONS IN ANY DESIRED TINT; ALSO PLAIN OR EMBOSSED.
"Beautifully made, and the inscriptions give them a distinction all their own."—*C. & D.* "Perfection of Cachets."—*Lancet.*
These Cachets are especially adapted for Headache, Neuralgia, & other powders
COOPER & CO., 80 Gloucester Road, SOUTH KENSINGTON.
In Nine Sizes. Also made to fit existing machines.

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Lowest Prices, Superior Workmanship. Price Lists free.
FRED. H. BARKER, DENTIST, GRIMSBY.
Barker's Premier Amalgam. The Best Stopping.
PRICE 10/- PER OZ.

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THE NEW "ONYX" HALF-CROWN CAMERA.
¼-plate size, *made in Wood*, with Nickel-plated Lens, Dark Slide, Focussing Glass, Plates, Chemicals, and instructions. Trade price, 20/- dozen.
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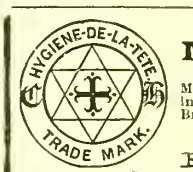
B. LOWE & CO., 2 Warstone Parade, Birmingham.



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MOUSQUETAIRE
A Bright Fixing Liquid for the special training of the MOUSTACHE. Invaluable to Medical Men, repelling infectious miasma from the respiration. In Cases, with Brush, Pom.-Hongroise, &c., at 2/-, 3/6, 5/-, 7/6, &c.
Most successful Novelty, 2/- sample post free 15 stamps.
All Wholesale Houses, or direct from
E. H. THIELLAY,
Parfumeur-Chimiste, Amersham Park, New Cross, LONDON.
(SHOW ROOMS AT CHARING CROSS HOTEL.) [1]

THE BENEDICTINE SALVE
(Made by the Benedictine Monks of Buckfast Abbey, Devon.)
CURES CANCEROUS WOUNDS, BOILS, CARBUNCLES, TUMOURS, ULCERS, ABSCESSES, WHITLOWS, SCROFULOUS SORES, and other similar diseases. The ingredients and preparation of this salve are, and have been for centuries, a secret with the Benedictine Monks of France. Its healing properties have been effectually proved, and hundreds of testimonials might be given.
SPECIFIC ANTI-BILIOUS PILLS are also supplied.
The Salve and Pills are sold in boxes, 1s. 1½d. each; post free for 1s. 2½d. each; two boxes 2s. 4d., with full directions for use. Apply to the Rev. Procurator, Abbey, Buckfastleigh, Devon. AGENTS WANTED.

"SILVERY WHITE GUTTA PERCHA ENAMEL"
TOOTH STOPPING.

P. A. STEVENS, Surgeon-Dentist
72 MANSFIELD ROAD, N.W.
Sole Proprietor and Manufacturer.
TRADE MARK. Registered No. 2745.
Special Terms to Wholesale Houses for Sheet or Sticks stamped with their own name.
A sample box of 8d. sticks sent post free for 12 stamps. Price list and sample free.

DIABETES.
GLUTEN FLOUR Containing 7% Starch and no Sugar.
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With a reputation of over 50 years, is the only means of preserving uninterruptedly a keen edge to razors, absolutely without trouble. A leaf being used for wiping the razor upon after shaving, an exquisitely keen edge is thus, day by day, automatically secured.
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HIGHEST CLASS MECHANICAL
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VULCANITE, DENTAL ALLOY, GOLD, COMBINATIONS, TUBES, CROWNS, BAR & BRIDGE WORK, GUM SECTIONS.
PUNCTUALITY GUARANTEED. BEST MATERIALS ONLY USED.
MACDONALDS, LTD., 29 Piccadilly, MANCHESTER.

2/3 per 1,000.

2/3 per 1,000.
Well nigh be, low in price, pure, harmless, always elastic
Closing Apparatus Kahnemann at 4/6, 5/6, etc.
L. BRAGER, 356 City Road, London, E.C.,
Sole Agent in Great Britain for
KAHNEMANN & KRAUSE, CACHET MAKERS, VIENNA (AUSTRIA)

SURGICAL DRESSINGS MAKERS
THE DARTON GIBBS CO., Pazo Works, OLDBURY.
Prices and Samples on Application.

BANDAGE MAKERS

THE DARTON GIBBS CO., Pazo Works, OLDBURY.

Prices and Samples on Application.

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FOR COLOURING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

TRIAL BOTTLES 6d. size supplied on pretty showcards at 4/- per doz.; 8/6 size, 28/- per doz.

80 Westbourne Grove, LONDON, W.

QUALITY RIGHT! PRICE RIGHT!

Extract of Herbs in Bulk for Bottling

Samples and Prices from **GREENWOOD & CO.,**
Manufacturing Chemists, Keighley.

DENTISTRY.

A. G. FENTIMAN (longest practical experience working for the Profession), assisted by four Dental Mechanics of 25, 23, 19, and 15 years' experience, executes guaranteed best materials *only*) skilful and well-finished cases.

Of many received this is a recent testimonial:—"Since you have done my mechanical work all my cases have been most satisfactory. I have much pleasure in complimenting you upon your good, practical, well-finished cases."

PROMPT RETURN OF WORK MAY BE RELIED UPON.

Most moderate Inclusive Price List on application.

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Labels, Cards, Tickets, Circulars, Letter-paper, Price Lists, Memo's, &c., &c.

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"EXCELSIOR" SELF-INKING PRINTING PRESS

For Home, Business, or Professional use (8½ by 5¾ chase), Price £4 4s.; SMALLER SIZE (5 by 3 chase), £1 16s. nett cash. Type-setting easy. Full printed instructions. Up-to-date machine; not a toy. Cheap complete Printing Outfits. Satisfaction guaranteed.

THE "ECONOMY" PRESS CO., 65 *Imperial Buildings, Ludgate Circus, LONDON, E.C.*

CHEMISTS' EXHIBITION, 1899.

Owing to extreme pressure of business we are unable to spare the time to Exhibit this season, but shall be pleased to see any of our friends during Show Week at 89 HATTON GARDEN, where we can show them several New Lines in Cheap Cameras for Boys.

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TO DENTISTS.

High-class Dental Mechanism in Gold, Dental Alloy, Tubes, Gem Sections, Vulcanite, Celluloid, or their Combinations, by

A. J. FENTIMAN & CO., Dentists,

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In no way connected with any other address. *MODERATE CHARGES.*

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FINEST SHEEP DIPS.

Fluid, Powder, and Paste

PATENT SHEEP DIPPERS.

With or without Wheels.

GUARANTEED DISINFECTANTS.

Soluble Fluids and Carbolic Preparations.

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CACHETS

WHITE or COLOURED per 1000 3/-
PRINTED or EMBOSSED 3/6
With Names of Drugs or Complaints 3/-

Apparatus (Patented) "Morstadt" AND From 2/6 to 30/-

THOS. CHRISTY & Co.
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DRUGS GROUND

FOR THE TRADE. POISONOUS, OR INFLAMMABLE, ARTICLES EXCEPTED. LARGE QUANTITIES PROMPTLY DEALT WITH. ENGINE 2½ H.P.

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WALKER, TROKE & CO.

WHOLESALE DRUGGISTS,
(late 65) Bath St., City Road,
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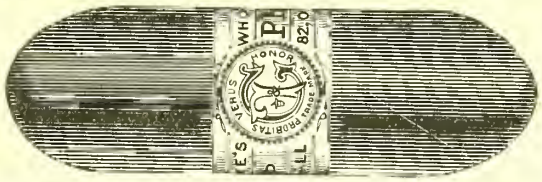

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GELATINE CAPSULED

HORSE BALLS.

Alterative, Condition, Cordial, Cough Diuretic, Fever, Physic, Worm, Quinine Tonic Balls (Registered 81.291).

GELATINE-COATED DOG AND FOWL PILLS. SAMPLES FREE.

NO CHEMIST should be without

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Send for Price List, &c.

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In Ornamental Retail Packages.

STRAW HAT POLISH.—16 Fashionable Colours. In 3d., 6d., and 1/- Glass Bottles.

MIXED PAINTS.—In Lever-lid Lacquered Tins—all Colours.

ENAMEL.—In 3d., 6d., 1/-, and 2/- Tins—all Colours. Surface like China.

STONEFERRY CYCLE ENAMEL.—A high-class hard-drying Enamel that does not crack or chip off. By its use an old Bicycle may be made equal to new at a trifling cost. In 3*d*., 6*d*., and 1/- Tins. Stock Colours: Black, French Grey, Peacock Green, Olive, Eau de Nil, Peacock Blue, Stone, Sultan, and White.

VARNISH STAINS, BLACK LACQUER, BRUNSWICK BLACK, OAK & COPAL VARNISH, CYCLE OILS, BOOT POLISH, FURNITURE CREAM, &c., &c.

Very effective Show Cards and Counter Bills supplied with good orders.

Write for Prices and particulars to the Manufacturers—

HANGER, WATSON & HARRIS, LTD.

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15 Tower Hill, London, E. 22 & 23 Bath Street, Liverpool.

TRY IT IN YOUR BATH.

SCRUBB'S CLOUDY FLUID AMMONIA

MARVELLOUS PREPARATION.

Refreshing as a Turkish Bath.
Splendid Cleansing Preparation for the Hair.
Allays the Irritation caused by Mosquito Bites.
Restores the Colour to Carpets.
Invaluable for Toilet Purposes.
Removes Stains and Grease Spots from Clothing.
Invigorating in Hot Climates.
Cleans Plate and Jewellery.

Of all Chemists, Etc. **Price 1s. per Bottle.**

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BATH-EUCRYL

FOR THE BATH.

Imparts Fragrance to the Bath, is ANTISEPTIC and INVIGORATING. It wards on Chills, Colds, Influenza, &c. Refreshes after Exertion. Maintains Health.

FREE SAMPLES
GOOD CIRCULARS
PROTECTED PROFITS
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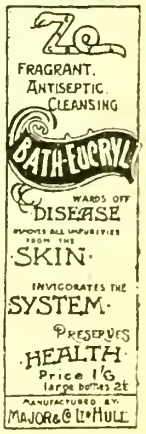
Eucryl preparations should be stocked and sold by leading Chemists throughout the country; they are well presented and attract the customer. District Agents appointed and well supported. Bath-Eucryl is supplied to retail at 1/6 and 2/6 per bottle, at 13/6 and 22/9 per dozen net, carriage paid on prepaid orders over 1 dozen.
Send for particulars of Eucryl Disinfecting Fluid, Eucryl Vaporising Fluid, Eucryl Disinfecting Powder.
May be had from Barclay's, Butler's, Edwards', Newbery's, Sanger's, Evans' (Liverpool), Woolley's (Manchester), Southall's (Birmingham), Goodall's (Leeds), John Evans (Dublin), &c.

We can supply your requirements for CARBOLIC ACIDS, CRESYLIC ACID, DISINFECTANT POWDERS, BENZENE, TOLUOL, XYLOL, NAPHTHALINE. *Write for our Prices.*

MAJOR & CO., LTD., HULL.



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NOT ONLY ARE

ASHTON & PARSONS

The Largest and the Most Renowned Makers in the World of

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BUT THEY ARE NOW ALSO

THE CHEAPEST,

AND THEIR BOTTLES, IN ADDITION, CONTAIN NEARLY

HALF-AN-OUNCE in place of the USUAL TWO DRACHMS.

IN OTHER WORDS, THEIR WHOLESALE PRICE IS THE LOWEST AND THEIR BOTTLES ARE THE LARGEST.

Their Medicines enjoy the distinguished honour of having received commands from:

H.R.H. THE PRINCESS OF WALES.

H.I.M. the Empress of Russia.
H.M. the Queen of Roumania.
H.I.H. the Grand Duchess Olga of Russia.
H.R.H. the Crown Princess of Roumania.
H.I.H. the Grand Duchess Serge of Russia.
H.I.H. the Duchess of Leuchtenberg.
H.M. the King of Greece.
H.I.M. the Dowager Empress of Russia.
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And all the Leading Aristocracy and public generally throughout the wide world.

Elegant Show Cases, in any Shape, Size, or Design, Free with Opening Orders. Wholesale List Post Free to any part of the World.

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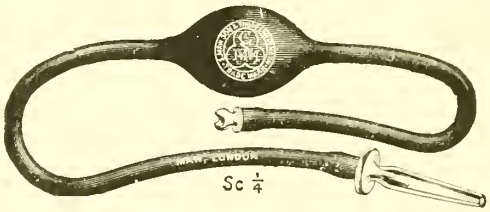

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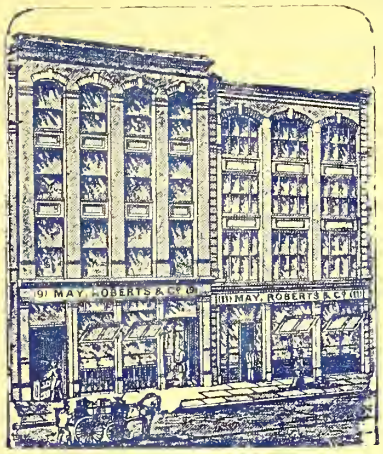
ANTISEPTIC DRESSINGS, &c.

		Percentage	In Paper Parcels		In Boxes		In Sealed Tins	
			s.	d	s.	d	s	d.
GAUZES (36 in. wide)—Boric ...	per dozen yards	25	1	9	2	0	2	3
Carbolized, unbleached ...	,, ,,	5	1	8	1	11	2	2
Iodoform	,, ,,	10	4	0	4	3	4	6
Iodoform	,, ,,	5	4	0	4	3	4	6
Lister's Cyanide of Mercury and Zinc	,, ,,	3	3	2	3	5	3	8
Sal Alembroth	,, ,,	1	1	9	2	0	2	3
Salicylic	,, ,,	4	2	4	2	7	2	10
Sublimate, Unbleached	,, ,,	¼	1	6	1	9	2	0
LINTS—Boric...	per lb.	45	1	6	1	9	2	0
Carbolized	,,	5	2	0	2	3	2	6
Cyanide of Mercury and Zinc	,,	3	3	4	3	7	3	10
Iodoform	,,	10	5	0	5	3	5	6
Sal Alembroth	,,	2	2	1	2	4	2	7
Salicylic	,,	4	2	4	2	7	2	10
Sublimate	,,	¼	2	0	2	3	2	6
WOOLS—Boric	,,	45	1	4	1	7	1	10
Carbolized	,,	5	1	6	1	9	2	0
Cyanide of Mercury and Zinc	,,	3	2	8	2	11	3	2
Iodoform	,,	10	4	6	4	9	5	0
Sal Alembroth	,,	2	1	6	1	9	2	0
Salicylic	,,	4	1	9	2	0	2	3
Sublimate	,,	¼	1	4	1	7	1	10

S. MAW, SON & THOMPSON, 7 to 12 Aldersgate Street, **LONDON.**



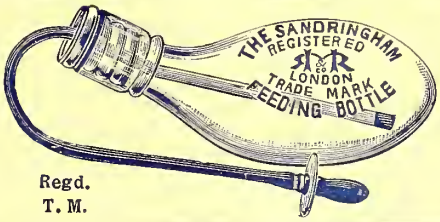
Three Minutes' Walk from Aldersgate St. Station.

MAY, ROBERTS & CO., LONDON.

REGISTERED TRADE MARK MR & Co LONDON

Telegraphic Address: "FEEDING BOTTLES LONDON."
Telephone No. 889, Holborn Exchange.

Ask for Terms, carriage paid, in Free Packages.
Complete Price List free by post on application with Business Card.



Regd.
T. M.

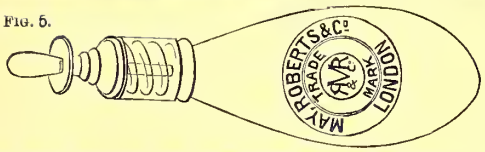
THE SANDRINGHAM FEEDING BOTTLE.

WHITE, *Screw Glass Stoppers.*

Each in handsome box, two brushes.

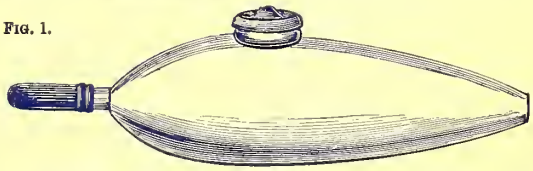
	Per doz.
Black fittings	5/-
Spare black fittings	2/-
Spare bottles	1/3
Spare stoppers and washers ..	9*d.*

FIG. 5.



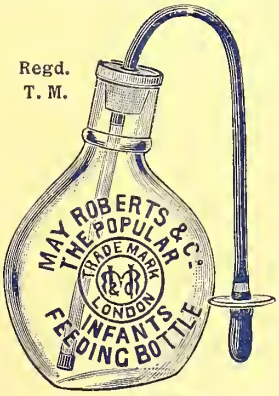
Green Glass, black leech-bite teat, bone shield, complete in boxes of 1 dozen .. .. per dozen 3/3
White Glass, black leech-bite teat, bone shield, with brush, complete in card box .. .. per dozen 5/-

FIG. 1.



White Glass, hand-made, fitted with black teat and boxwood-topped cork, with brush, complete in box, three sizes .. .. .. per doz. 6/9

Regd.
T. M.



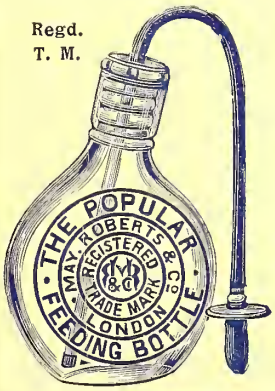
THE POPULAR (6d.).

GREEN GLASS, *Boxwood Tops.*

	Per gross.
Black fittings, 1 gross in cask (free)	25/-
	Per doz.
Black fittings, 1 dozen in box ..	2/2
Black fittings, each in box	2/7
Spare black fittings	1/2
Spare green bottles	10*d.*
Spare white bottles	1/-

If with White instead of Green Bottles, 2d. *per dozen extra.*

Regd.
T. M.



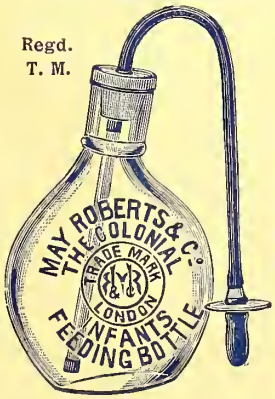
THE POPULAR (6d.).

GREEN, *Screw Glass Stoppers.*

	Per gross.
Black fittings, 1 gross in cask (free)	28/6
	Per doz.
Black fittings, 1 dozen in box ..	2/6
Black fittings, each in box	2/11
Spare black fittings	1/4
Spare green bottles	1/-
Spare white bottles	1/2
Spare stoppers and washers, green or white	9*d.*

If with White instead of Green Bottles, 2d. *per dozen extra.*

Regd.
T. M.



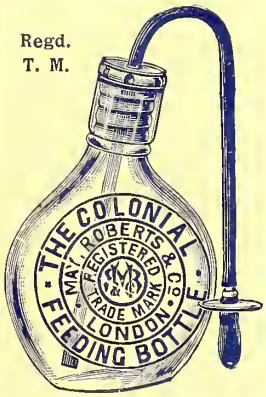
THE COLONIAL (6d.).

GREEN GLASS, *Boxwood Tops.*

	Per gross.
Black fittings, 1 gross in cask (free)	25/-
	Per doz.
Black fittings, 1 dozen in box ..	2/2
Black fittings, each in box	2/7
Spare black fittings	1/2
Spare green bottles	10*d.*
Spare white bottles	1/-

If with White instead of Green Bottles, 2d. *per dozen extra.*

Regd.
T. M.



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GREEN, *Screw Glass Stoppers.*

	Per gross.
Black fittings, 1 gross in cask (free)	28/6
	Per doz.
Black fittings, 1 dozen in box ..	2/6
Black fittings, each in box	2/11
Spare black fittings	1/4
Spare green bottles	1/-
Spare white bottles	1/2
Spare stoppers and washers, green or white	9*d.*

If with White instead of Green Bottles, 2d. *per dozen extra.*

POPULAR or COLONIAL (1s.).

WHITE, *Earthenware Tops.*

Each in box, two brushes, black fittings	per doz.	4/3
Spare black fittings	"	2/-
Spare bottles	"	1/3

POPULAR or COLONIAL (1s.).

WHITE, *Screw Glass Stoppers.*

Black fittings, each in box, two brushes	per doz.	4/3
Spare black fittings	"	2/-
Spare bottles	"	1/3

Fitted with Seamless Teats, 9-inch Tubing, and Glass Unions.

ALL ABOVE SUBJECT TO USUAL TERMS.

MAY, ROBERTS & CO., 9 & 11 Clerkenwell Road, LONDON.

Cadbury's Cocoa

ABSOLUTELY PURE, therefore BEST.

Cadbury's is "The Typical Cocoa of English Manufacture, Absolutely Pure"—*The Analyst.*

NO CHEMICALS USED IN CADBURY'S AS IN THE SO-CALLED PURE FOREIGN COCOAS.

UNDER EMINENT SCIENTIFIC SUPERVISION

"APENTA"

THE BEST NATURAL APERIENT WATER.

Trade Prices:

Per Case.

25 Large Bottles	-	20/-
50 Small ,,	-	32/6
100 Quarter ,,	-	32/6

Carriage Paid to any Railway Station in the United Kingdom.

5 per cent. Discount upon orders for 10 Cases.

TERMS:—Six Months' Credit from date of Invoice, Net Cash.

The retail prices printed on the labels are **1/3** per large bottle, **1/-** per small bottle, and **6d.** per quarter bottle.

THE APOLLINARIS COMPANY, LIM.

4 Stratford Place, Oxford Street, London, W.

Printed by SPOTTISWOODE & CO., New-street Square; and Published at the Office, 42 Cannon Street, in the City of London.—*June* 24, 1899.